TABLES AND CHARTS

JUNE 1983

The June 1983 survey is the 177th in a series of surveys of consumer attitudes conducted by the Survey Research Center at The University of Michigan. Initiated in 1946, these periodic surveys provide regular assessments of consumer attitudes and expectations, and are used to evaluate economic trends and prospects. The surveys are designed to explore why changes in consumer attitudes and expectations occur, and how these changes influence consumer spending and saving decisions.

Two charts highlight recent changes and historical patterns for most questions. Both recent change charts and historical series charts include quarterly data before 1978, and 3 month averages starting in January of 1978. See the explanatory charts at the end of this book for a detailed description.

All surveys are subject to sampling error because not all members of the population are interviewed. Most results on the total sample for this monthly survey will differ by no more than 4 percentage points in either direction from what would have been obtained by using the same methods on the entire population. See the back of this book for sampling error information.

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CHART 1 - RECENT CHANGES
THE INDEX OF CONSUMER SENTIMENT

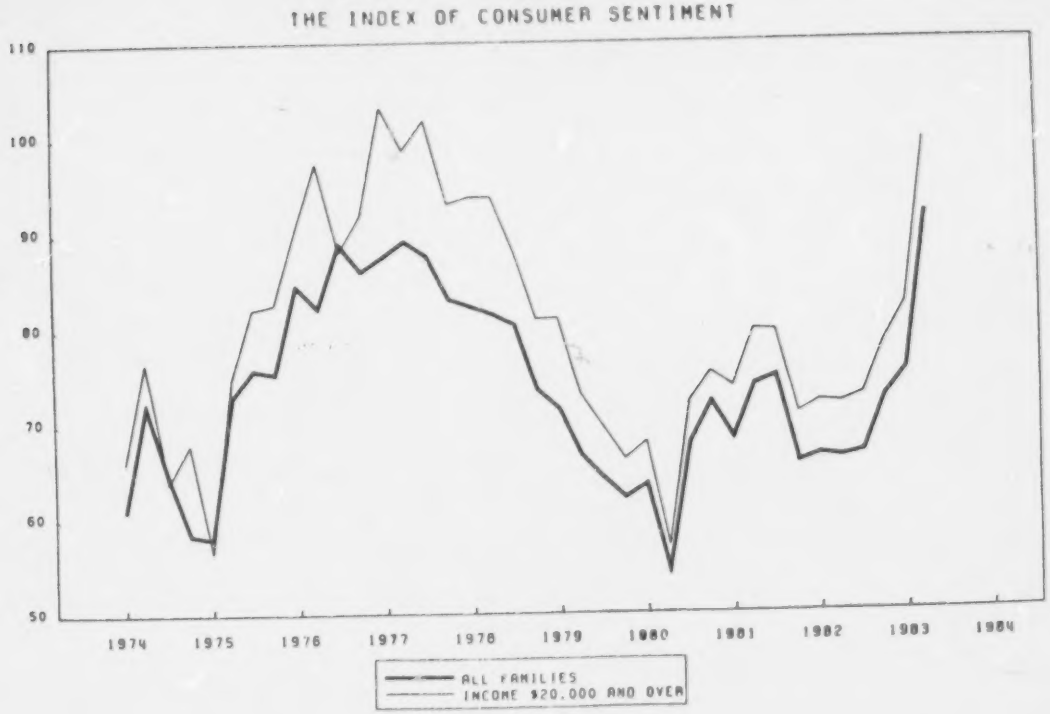


CHART 1 - HISTORICAL SERIES
THE INDEX OF CONSUMER SENTIMENT

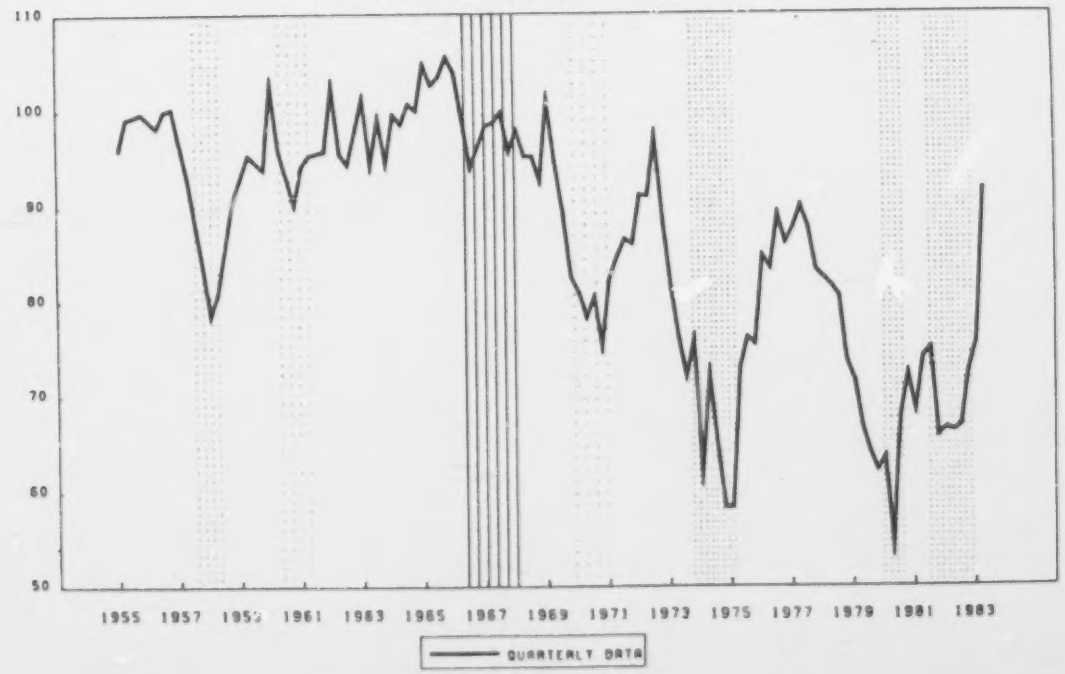


TABLE 1

THE INDEX OF CONSUMER SENTIMENT

DATE OF SURVEY	All families	Families with incomes over $20,000	Families with incomes over $25,000
Apr.-June 1976	83.3	97.2	
July-Sep. 1976	88.9	88.0	
Oct.-Dec. 1976	86.0	91.8	
Jan.-Mar. 1977	87.5	103.1	
Apr.-June 1977	89.8	98.6	
July-Sep. 1977	87.6	101.7	
Oct.-Dec. 1977	83.1	94.0	95.5
Jan.-Mar. 1978	82.3	93.7	96.2
Apr.-June 1978	81.5	91.4	92.5
July-Sep. 1978	80.4	88.0	88.3
Oct.-Dec. 1978	73.5	81.0	83.0
Jan.-Mar. 1979	71.5	81.1	81.7
Apr.-June 1979	66.6	73.0	75.5
July-Sep. 1979	63.9	69.6	71.2
Oct.-Dec. 1979	62.1	66.7	69.5
Jan.-Mar. 1980	63.5	68.0	69.6
Apr.-June 1980	54.4	57.0	58.1
July-Sep. 1980	67.8	72.2	73.3
Oct.-Dec. 1980	72.1	75.3	78.3
Jan.-Mar. 1981	68.3	73.7	76.1
Apr.-June 1981	73.9	79.7	82.0
July-Sep. 1981	74.8	79.6	80.1
Oct.-Dec. 1981	65.7	70.9	71.8
Jan.-Mar. 1982	66.5	72.1	72.8
Apr.-June 1982	66.2	71.9	73.6
July-Sep. 1982	66.7	72.8	74.6
Oct.-Dec. 1982	72.5	78.3	80.8
Jan.-Mar. 1983	75.3	82.2	83.0
Apr.-June 1983	91.5	99.3	100.8

CHART 2A - HISTORICAL SERIES

THE INDEX OF CONSUMER SENTIMENT WITHIN REGIONS

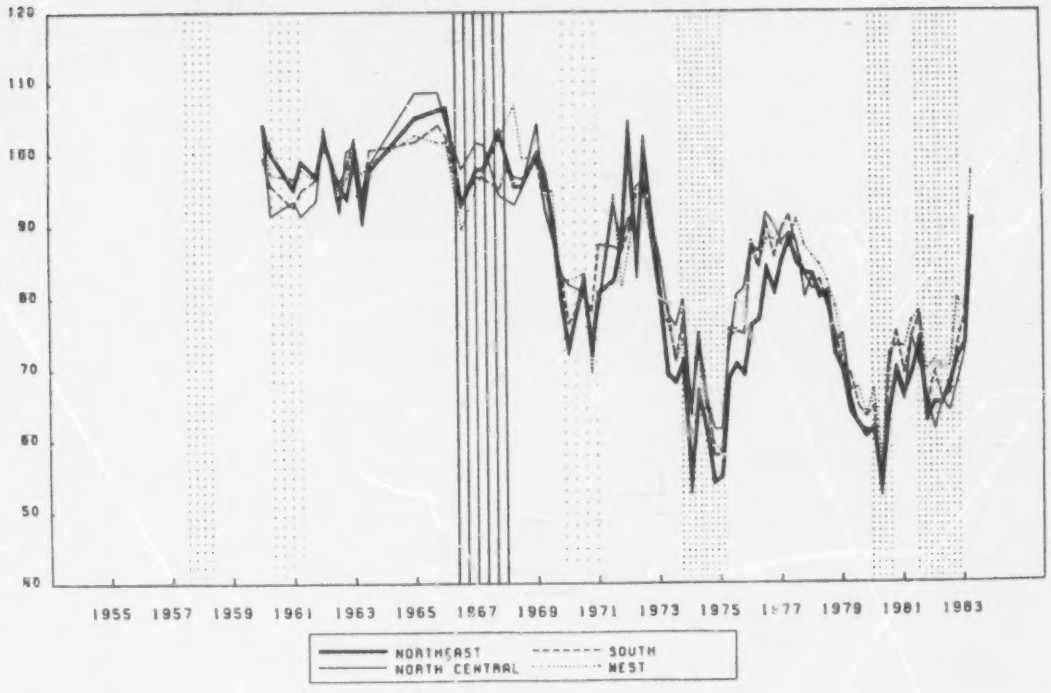


CHART 2B - HISTORICAL SERIES

THE INDEX OF CONSUMER SENTIMENT WITHIN AGE GROUPS

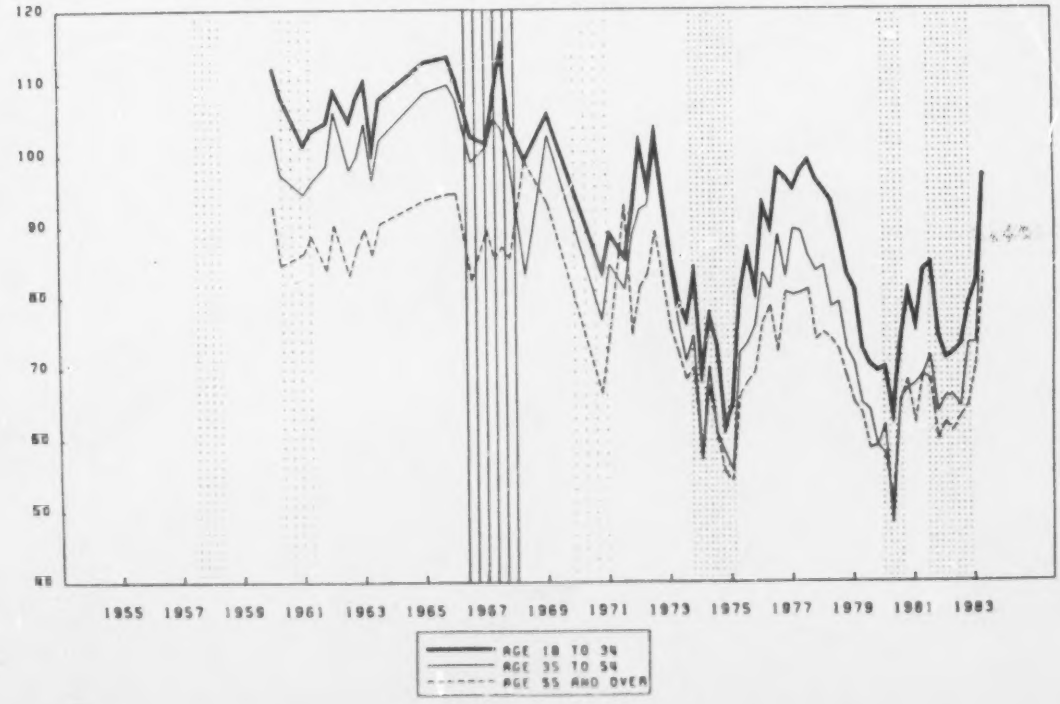


TABLE 2

INDEX OF CONSUMER SENTIMENT WITHIN REGION AND AGE SUBGROUPS

DATE OF SURVEY	CENSUS REGION				AGE OF RESPONDENT		
	North East	North Central	South	West	18-34	35-54	55+
Apr.-June 1976	76.9	86.3	84.1	84.5	90.0	82.6	76.3
July-Sep. 1976	83.6	85.0	94.8	87.7	97.1	88.3	80.8
Oct.-Dec. 1976	80.8	90.1	85.6	88.5	96.6	82.7	80.5
Jan.-Mar. 1977	85.2	87.7	89.3	87.2	95.1	89.4	80.1
Apr.-June 1977	90.9	88.2	90.9	88.8	98.2	89.8	81.1
July-Sep. 1977	84.7	87.6	87.2	91.0	99.3	85.5	80.9
Oct.-Dec. 1977	83.4	80.0	83.1	87.2	96.3	83.5	73.8
Jan.-Mar. 1978	81.9	81.4	80.9	85.8	95.0	81.9	73.6
Apr.-June 1978	79.6	80.7	81.8	84.4	92.9	78.1	73.6
July-Sep. 1978	81.4	78.8	78.9	84.3	88.9	79.8	73.1
Oct.-Dec. 1978	71.3	72.9	74.0	77.0	81.6	71.3	67.8
Jan.-Mar. 1979	69.0	74.5	70.3	71.8	80.5	70.0	64.7
Apr.-June 1979	63.3	65.7	69.3	66.9	72.4	64.9	63.3
July-Sep. 1979	62.1	62.1	64.4	67.4	70.4	63.9	58.5
Oct.-Dec. 1979	60.3	61.3	63.2	63.3	69.5	58.7	58.9
Jan.-Mar. 1980	61.6	61.1	64.6	67.1	70.4	61.7	57.6
Apr.-June 1980	53.3	55.6	52.1	57.3	63.1	47.9	51.1
July-Sep. 1980	63.7	64.3	70.3	72.1	73.5	65.4	64.7
Oct.-Dec. 1980	69.7	68.8	75.2	73.2	80.5	66.8	68.1
Jan.-Mar. 1981	66.4	65.4	69.2	73.0	75.7	67.5	62.0
Apr.-June 1981	69.3	74.4	74.6	76.7	83.6	68.8	68.8
July-Sep. 1981	73.7	70.7	77.4	78.0	84.5	71.5	68.2
Oct.-Dec. 1981	62.9	66.0	64.8	69.8	74.3	63.6	59.7
Jan.-Mar. 1982	65.1	61.2	69.5	71.1	71.2	65.7	62.1
Apr.-June 1982	65.0	65.4	65.5	70.0	71.9	65.0	60.9
July-Sep. 1982	67.8	63.9	66.2	70.2	73.0	64.3	62.9
Oct.-Dec. 1982	71.5	68.0	73.3	79.7	78.9	73.2	64.5
Jan.-Mar. 1983	73.3	72.2	77.4	78.1	81.9	73.3	70.0
Apr.-June 1983	90.8	89.1	91.0	97.5	96.9	94.0	83.1

CHART 3 - RECENT CHANGES
CURRENT AND EXPECTED COMPONENTS

CHART 3 - HISTORICAL SERIES
CURRENT AND EXPECTED COMPONENTS

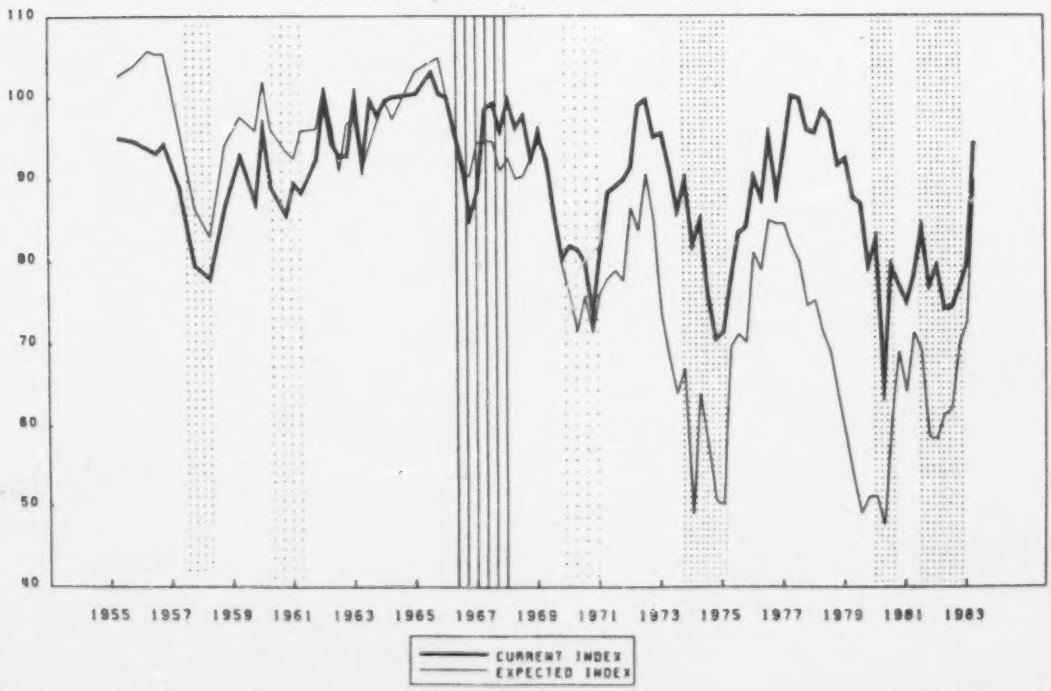


TABLE 3

COMPONENTS OF THE INDEX OF CONSUMER SENTIMENT

DATE OF SURVEY	INDEX COMPONENTS +						
	Personal finances		Business conditions				
	Current	Expected	12 months	5 years	Buying conds.	Current Index	Expected Index
	(1)	(2)	(3)	(4)	(5)	(1,5)	(2,3,4)
Apr.-June 1976	103	119	119	78	126	89.1	79.5
July-Sep. 1976	104	119	127	92	139	94.8	85.1
Oct.-Dec. 1976	96	115	117	105	129	87.8	84.8
Jan.-Mar. 1977	99	120	116	97	141	93.5	83.6
Apr.-June 1977	109	117	121	94	148	99.8	83.4
July-Sep. 1977	108	116	116	86	148	99.5	80.0
Oct.-Dec. 1977	107	107	104	85	139	96.0	74.7
Jan.-Mar. 1978	104	110	102	82	140	94.9	74.1
Apr.-June 1978	105	108	98	74	147	98.2	70.7
July-Sep. 1978	106	111	94	70	144	97.2	69.6
Oct.-Dec. 1978	99	102	79	66	132	90.2	62.8
Jan.-Mar. 1979	98	99	68	61	138	92.2	58.1
Apr.-June 1979	89	92	58	57	135	87.6	53.2
July-Sep. 1979	92	96	48	46	131	87.0	49.0
Oct.-Dec. 1979	84	98	50	51	119	79.4	51.0
Jan.-Mar. 1980	86	99	50	49	126	82.6	51.1
Apr.-June 1980	77	98	35	51	88	65.0	47.6
July-Sep. 1980	91	111	64	62	111	79.4	60.3
Oct.-Dec. 1980	83	109	81	83	113	77.0	68.9
Jan.-Mar. 1981	82	106	70	75	109	74.9	64.0
Apr.-June 1981	88	114	89	79	112	78.2	71.2
July-Sep. 1981	98	115	84	74	117	83.8	69.0
Oct.-Dec. 1981	91	110	59	61	106	76.9	58.4
Jan.-Mar. 1982	91	111	55	65	114	79.3	58.2
Apr.-June 1982	91	113	61	69	100	74.2	61.1
July-Sep. 1982	89	113	64	69	102	74.3	61.8
Oct.-Dec. 1982	90	119	77	83	107	76.7	69.8
Jan.-Mar. 1983	91	119	92	78	114	79.6	72.4
Apr.-June 1983	106	132	131	99	137	94.2	89.8

(1) : SEE TABLE 4.
(2) : See Table 6.
(3) : See Table 18.
(4) : See Table 19.
(5) : See Table 26.

+ : Percent saying "GOOD TIMES" (or "BETTER"), minus percent saying "BAD TIMES" (or "WORSE"), plus 100.

CHART 4 - RECENT CHANGES

CURRENT FINANCIAL SITUATION COMPARED WITH A YEAR AGO

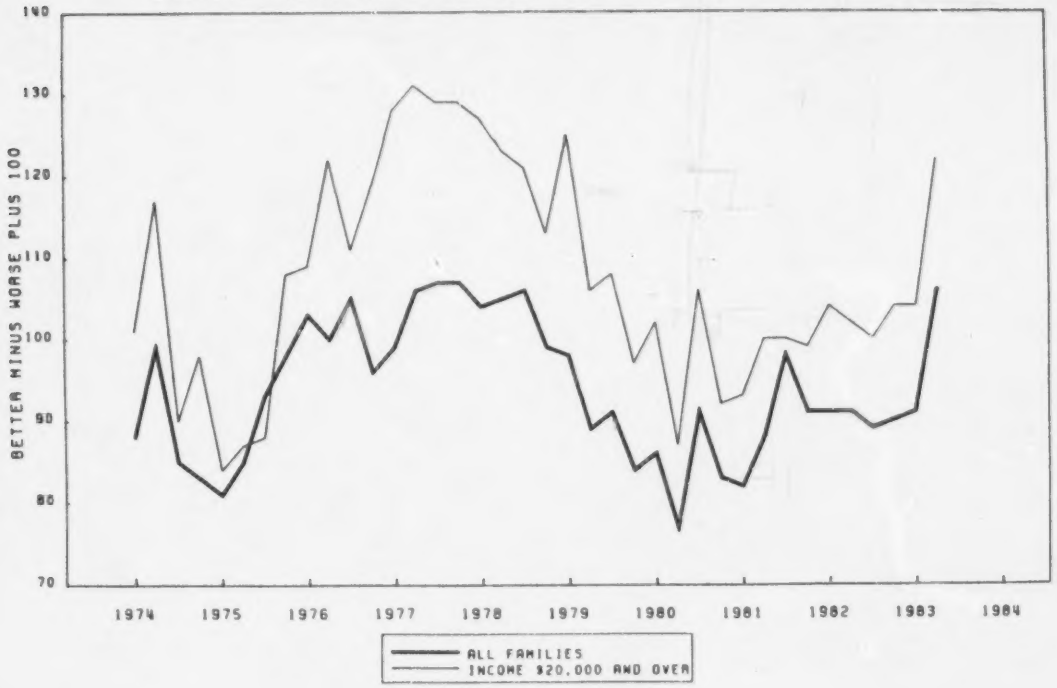


CHART 4 - HISTORICAL SERIES

CURRENT FINANCIAL SITUATION COMPARED WITH A YEAR AGO

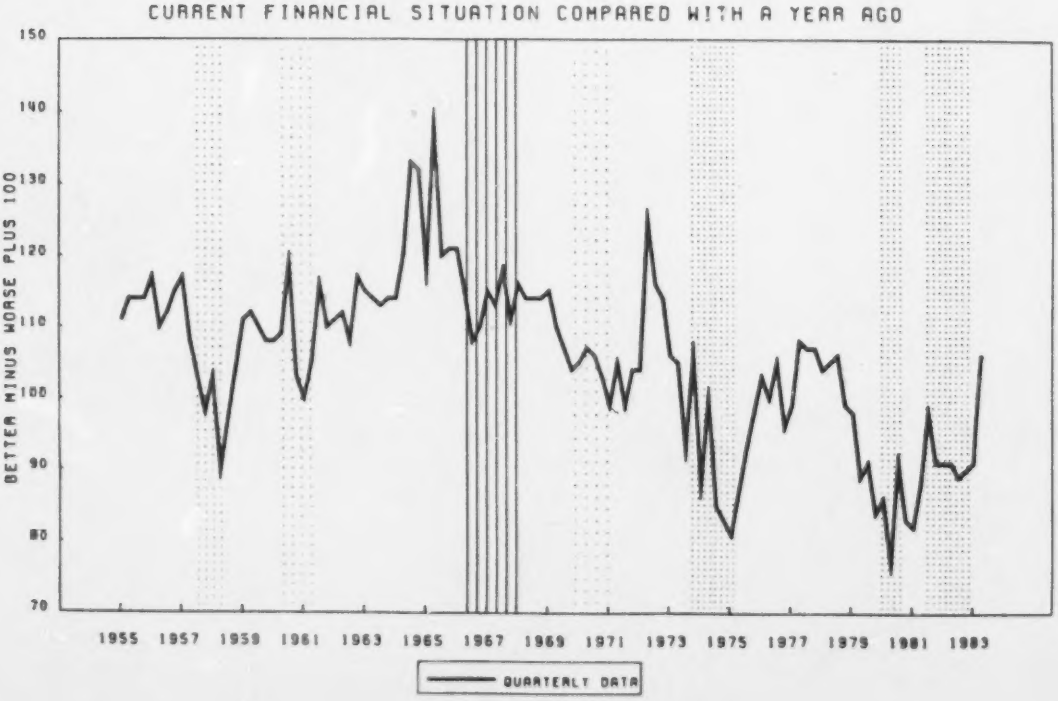


TABLE 4

CURRENT FINANCIAL SITUATION COMPARED TO A YEAR AGO

	Apr-June 1980	Jul-Sept 1980	Oct-Dec. 1980	Jan-Mar. 1981	Apr-June 1981	Jul-Sept 1981	Oct-Dec. 1981	Jan-Mar. 1982	Apr-June 1982	Jul-Sept 1982	Oct-Dec. 1982	Jan-Mar. 1983	Apr-June 1983
A. ALL FAMILIES													
BETTER OFF	25%	31%	28%	27%	28%	33%	31%	31%	30%	30%	31%	30%	37%
SAME	26	27	27	28	30	31	29	28	32	28	28	31	32
WORSE OFF	48	40	44	45	41	35	39	40	38	41	41	39	31
DK,NA	1	2	1	*	1	1	1	1	*	1	*	*	*
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
B. FAMILIES WITH INCOMES OF $20,000 AND OVER													
BETTER OFF	31%	38%	34%	34%	36%	36%	34%	38%	37%	36%	40%	37%	47%
SAME	25	29	23	24	28	28	31	27	29	29	25	30	29
WORSE OFF	44	32	42	41	35	36	35	34	34	35	35	33	24
DK,NA	*	1	1	1	1	*	*	1	*	*	*	*	*
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

The question was: "We are interested in how people are getting along financially these days. Would you say that you (and your family living there) are better off or worse off financially than you were a year ago?"

* : Less than half of one percent.

CHART 5 - RECENT CHANGES

REASONS FOR OPINIONS ABOUT PERSONAL FINANCIAL SITUATION

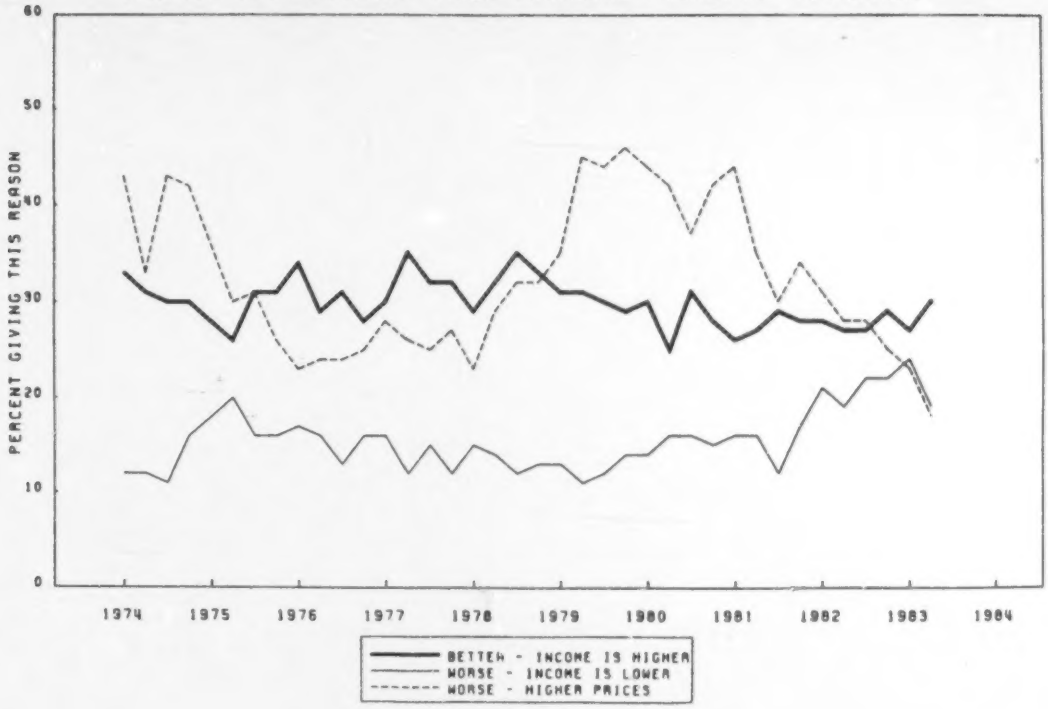


CHART 5 - HISTORICAL SERIES

REASONS FOR OPINIONS ABOUT PERSONAL FINANCIAL SITUATION

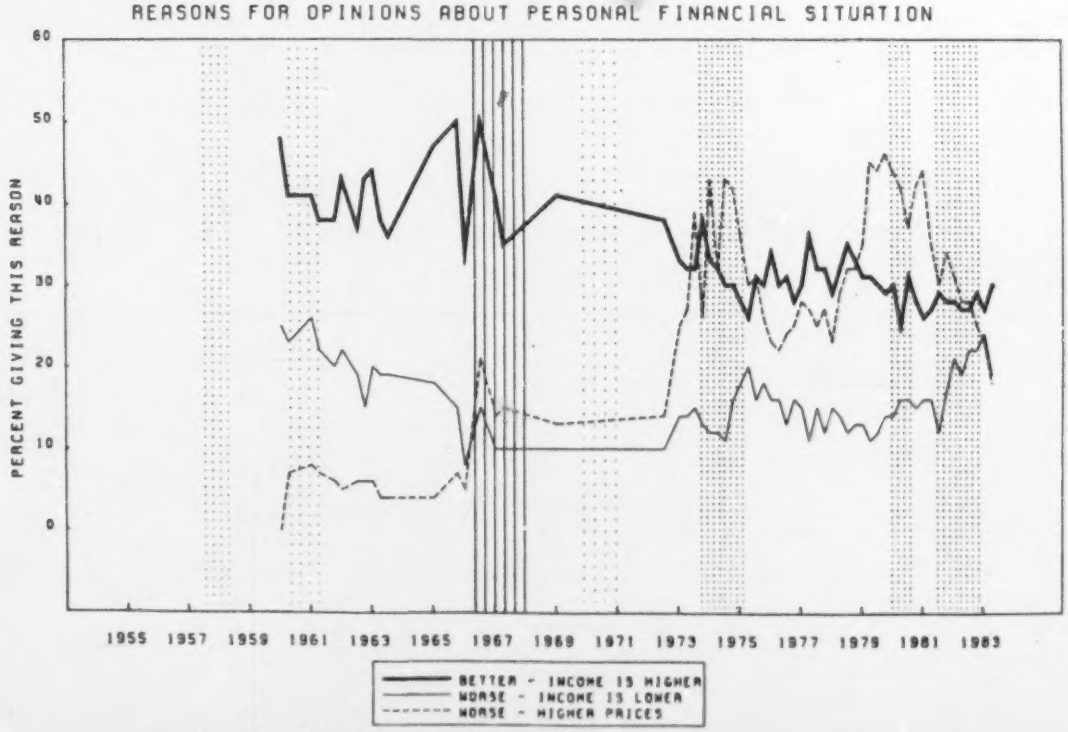


TABLE 5

SELECTED REASONS FOR OPINIONS ABOUT PERSONAL FINANCIAL SITUATION +

	Apr-June 1980	Jul-Sept 1980	Oct-Dec. 1980	Jan-Mar. 1981	Apr-June 1981	Jul-Sept 1981	Oct-Dec. 1981	Jan-Mar. 1982	Apr-June 1982	Jul-Sept 1982	Oct-Dec. 1982	Jan-Mar. 1983	Apr-June 1983
A. ALL FAMILIES													
BETTER OFF THAN YEAR AGO:													
Income is higher	25%	31%	28%	26%	27%	29%	28%	28%	27%	27%	29%	27%	30%
WORSE OFF THAN YEAR AGO:													
Income is lower	16	16	15	16	16	12	17	21	19	22	22	24	19
Higher prices	42	37	42	44	35	30	34	31	28	28	25	23	18
B. FAMILIES WITH INCOMES OF $20,000 AND OVER													
BETTER OFF THAN YEAR AGO:													
Income is higher	35%	43%	37%	35%	39%	37%	35%	36%	35%	33%	37%	34%	38%
WORSE OFF THAN YEAR AGO:													
Income is lower	13	12	12	14	13	12	14	17	19	22	21	22	17
Higher prices	42	33	43	42	35	32	33	29	26	24	23	20	15

Responses to the query: "Why do you say so?" following the question on Table 4.

+ : May add to more than 100% due to multiple mentions.

CHART 6 - RECENT CHANGES

EXPECTED CHANGE IN FINANCIAL SITUATION

CHART 6 - HISTORICAL SERIES

EXPECTED CHANGE IN FINANCIAL SITUATION

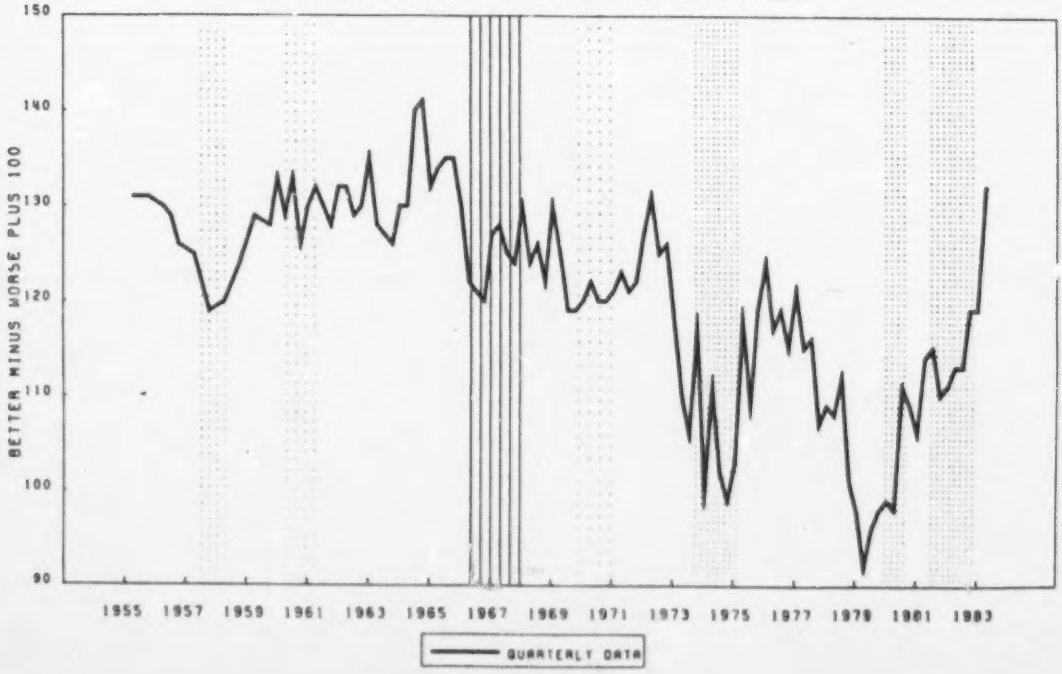


TABLE 6

EXPECTED CHANGE IN FINANCIAL SITUATION

	Apr-June 1980	Jul-Sept 1980	Oct-Dec. 1980	Jan-Mar. 1981	Apr-June 1981	Jul-Sept 1981	Oct-Dec. 1981	Jan-Mar. 1982	Apr-June 1982	Jul-Sept 1982	Oct-Dec. 1982	Jan-Mar. 1983	Apr-June 1983
A. ALL FAMILIES													
BETTER OFF	26%	30%	28%	27%	32%	31%	29%	30%	32%	31%	35%	35%	40%
SAME	43	47	46	47	46	48	48	47	46	48	45	46	49
WORSE OFF	28	19	20	21	18	17	20	19	18	18	16	16	8
DK,NA	3	4	6	5	4	4	3	4	4	3	4	3	3
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
B. FAMILIES WITH INCOMES OF $20,000 AND OVER													
BETTER OFF	26%	35%	32%	32%	37%	35%	31%	36%	34%	37%	39%	40%	43%
SAME	46	47	46	48	44	48	51	46	47	47	45	44	47
WORSE OFF	26	16	19	18	17	15	15	16	17	14	14	14	8
DK,NA	2	2	3	2	2	2	3	2	2	2	2	2	2
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

The question was: "Now looking ahead--do you think that a year from now you (and your family living there) will be better off financially, or worse off, or just about the same as now?"

CHART 7 - RECENT CHANGES
TREND IN PERSONAL FINANCIAL SITUATION

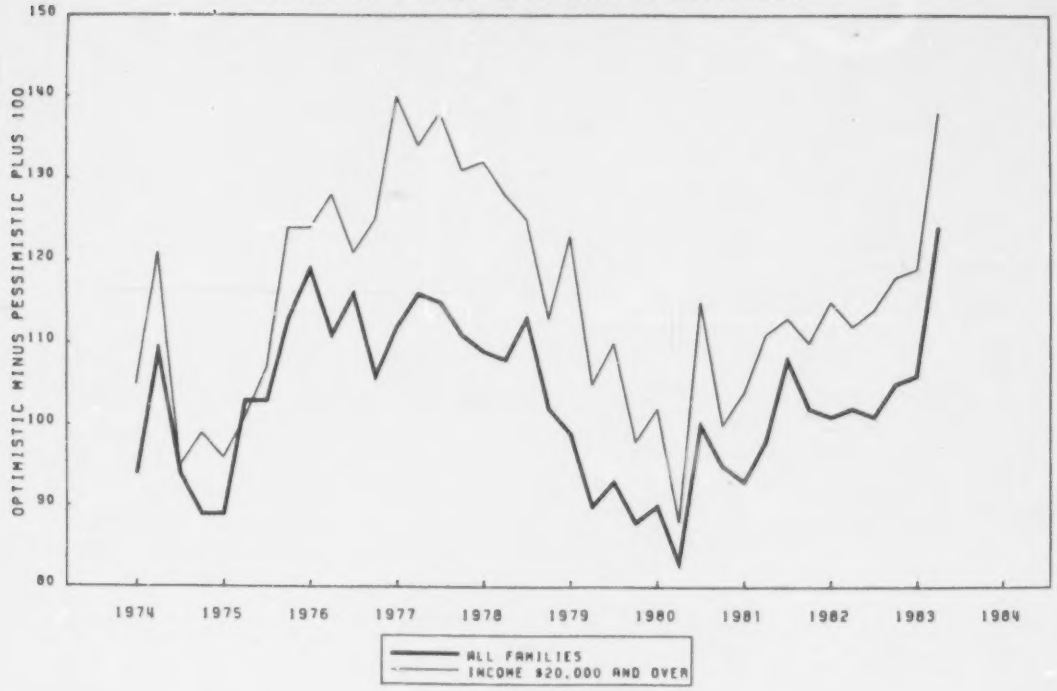


CHART 7 - HISTORICAL SERIES
TREND IN PERSONAL FINANCIAL SITUATION

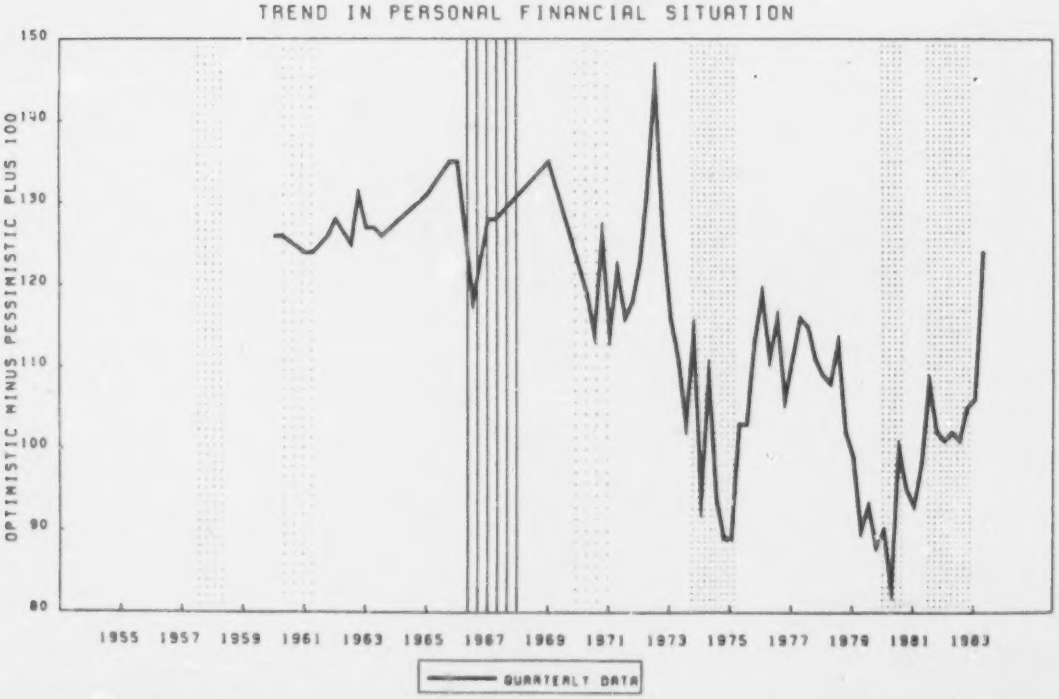


TABLE 7

TREND IN PERSONAL FINANCIAL SITUATION

	Apr-June 1980	Jul-Sept 1980	Oct-Dec. 1980	Jan-Mar. 1981	Apr-June 1981	Jul-Sept 1981	Oct-Dec. 1981	Jan-Mar. 1982	Apr-June 1982	Jul-Sept 1982	Oct-Dec. 1982	Jan-Mar. 1983	Apr-June 1983
A. ALL FAMILIES													
PERSONAL FINANCIAL PROGRESS:													
Continuous increase (a)	10%	13%	11%	10%	13%	15%	13%	14%	13%	15%	16%	15%	18%
Intermittent increase (b)	16	20	19	19	20	22	22	20	21	19	20	21	25
Remain unchanged (c)	13	15	14	15	15	18	16	16	17	17	15	16	19
Intermittent decline (d)	26	22	24	23	25	19	20	22	22	22	20	21	17
Continuous decline (e)	17	10	12	12	10	10	13	12	11	12	11	9	4
Mixed change (f)	15	15	14	15	13	11	13	12	12	11	14	14	13
DK,NA	3	5	6	6	4	5	3	4	4	4	4	4	4
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
B. FAMILIES WITH INCOMES OF $20,000 AND OVER													
PERSONAL FINANCIAL PROGRESS:													
Continuous increase (a)	12%	16%	15%	13%	18%	16%	15%	18%	16%	19%	20%	19%	23%
Intermittent increase (b)	17	25	21	23	24	25	24	24	25	23	24	25	30
Remain unchanged (c)	13	16	10	12	14	15	18	15	16	16	14	15	16
Intermittent decline (d)	27	19	25	23	22	19	20	19	20	19	17	18	13
Continuous decline (e)	14	7	11	10	9	10	9	9	9	9	9	7	4
Mixed change (f)	15	15	14	16	11	13	11	13	12	12	13	14	12
DK,NA	2	2	4	3	2	2	3	2	2	2	3	2	2
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

Combination of the responses to the questions on Tables 4 and 6.

Key: (a) Better off financially than a year ago/Better off a year from now
(b) Better/Same or Same/Better
(c) Same/Same
(d) Worse/Same or Same/Worse
(e) Worse/Worse
(f) Worse/Better or Better/Worse

CHART 8 - RECENT CHANGES

MEDIAN EXPECTED CHANGE IN FAMILY INCOME

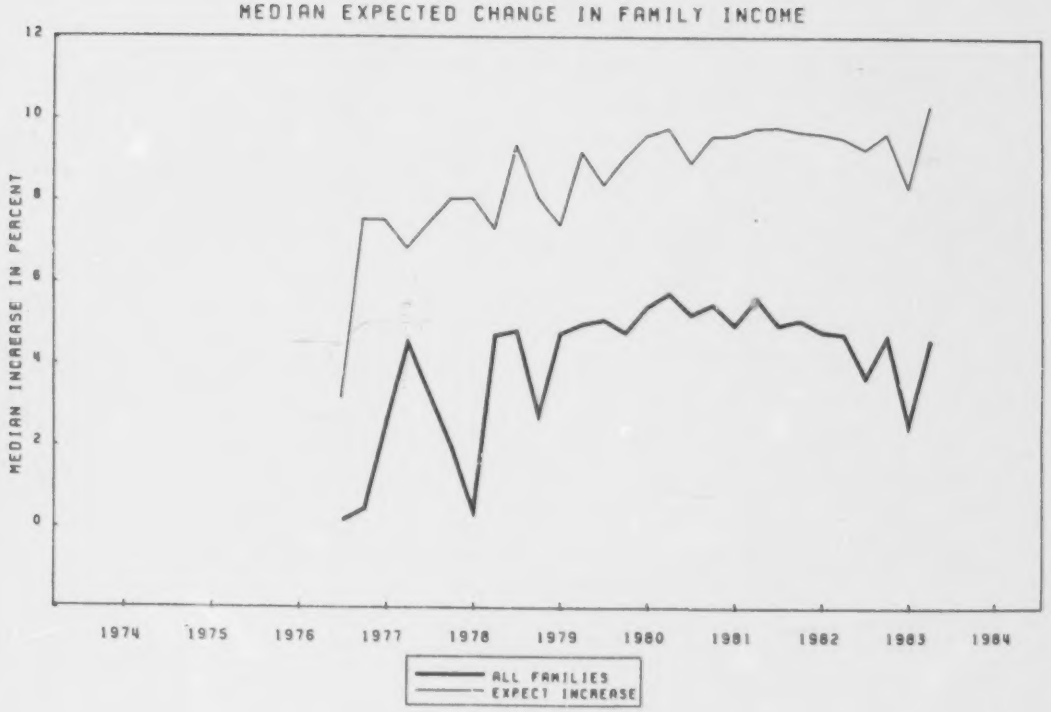


TABLE 8

EXPECTED FAMILY INCOME CHANGE DURING THE NEXT 12 MONTHS

	Apr-June 1980	Jul-Sept 1980	Oct-Dec. 1980	Jan-Mar. 1981	Apr-June 1981	Jul-Sept 1981	Oct-Dec. 1981	Jan-Mar. 1982	Apr-June 1982	Jul-Sept 1982	Oct-Dec. 1982	Jan-Mar. 1983	Apr-June 1983
A. ALL FAMILIES													
EXPECT INCREASE:													
1-4%	5%	6%	7%	7%	6%	6%	6%	6%	6%	8%	6%	8%	9%
5%	7	9	8	8	9	8	10	9	10	8	9	9	11
6-9%	13	14	12	10	11	10	10	11	11	10	9	9	11
10-24%	24	20	23	20	25	23	23	21	19	18	20	15	18
25% or more	7	5	7	7	7	7	7	7	7	7	8	7	8
DK how much up	8	10	9	9	8	6	5	5	6	5	6	5	4
EXPECT SAME	23	21	22	23	21	26	23	24	23	27	25	28	26
EXPECT DOWN	11	13	9	12	10	11	14	15	17	15	15	17	12
DK,NA	2	2	3	4	3	3	2	2	1	2	2	2	1
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
B. FAMILIES WITH INCOMES OF $20,000 AND OVER													
EXPECT INCREASE:													
1-4%	4%	6%	6%	7%	6%	6%	5%	7%	7%	9%	7%	9%	9%
5%	10	9	9	10	10	11	11	10	11	9	11	11	13
6-9%	20	19	18	14	15	15	13	14	12	13	12	12	14
10-24%	29	28	29	30	32	30	29	27	25	24	25	18	23
25% or more	6	5	7	6	6	7	6	6	5	6	7	7	5
DK how much up	4	6	7	5	4	3	6	4	5	3	5	5	3
EXPECT SAME	15	12	13	16	16	16	16	16	18	20	18	21	20
EXPECT DOWN	12	13	10	11	10	11	13	15	16	14	14	16	12
DK,NA	*	2	1	1	1	1	1	1	1	2	1	1	1
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

The questions were: "During the next 12 months, do you expect your (family) income to be higher or lower than during the past year?" and "By about what percent do you expect your (family) income to increase during the next 12 months?"

* : Less than half of one percent.

CHART 9 - RECENT CHANGES

INCOME OR PRICES UP MORE DURING THE LAST YEAR

TABLE 9

PAST CHANGE IN REAL FAMILY INCOME

	Apr-June 1980	Jul-Sept 1980	Oct-Dec. 1980	Jan-Mar. 1981	Apr-June 1981	Jul-Sept 1981	Oct-Dec. 1981	Jan-Mar. 1982	Apr-June 1982	Jul-Sept 1982	Oct-Dec. 1982	Jan-Mar. 1983	Apr-June 1983
A. ALL FAMILIES													
INCOME UP MORE	10%	12%	12%	12%	11%	13%	15%	16%	16%	16%	16%	15%	17%
INCOME UP SAME	23	28	26	26	27	28	29	30	31	30	32	27	31
PRICES UP MORE	65	59	60	60	61	57	55	52	52	52	51	56	50
DK,NA	2	1	2	2	1	2	1	2	1	2	1	2	2
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
B. FAMILIES WITH INCOMES OF $20,000 AND OVER													
INCOME UP MORE	16%	20%	16%	20%	17%	17%	16%	24%	22%	22%	21%	21%	24%
INCOME UP SAME	27	31	32	30	33	31	33	32	33	32	34	31	35
PRICES UP MORE	57	48	51	50	49	51	50	44	45	45	44	47	41
DK,NA	*	1	1	*	1	1	1	*	*	1	1	1	*
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

The question was: "During the last year or two, would you say that your (family) income went up more than prices, went up about the same as prices, or went up less than prices?"

* : Less than half of one percent.

CHART 10 - RECENT CHANGES

INCOME OR PRICES UP MORE DURING THE NEXT YEAR

TABLE 10

EXPECTED CHANGE IN REAL FAMILY INCOME

	Apr-June 1980	Jul-Sept 1980	Oct-Dec. 1980	Jan-Mar. 1981	Apr-June 1981	Jul-Sept 1981	Oct-Dec. 1981	Jan-Mar. 1982	Apr-June 1982	Jul-Sept 1982	Oct-Dec. 1982	Jan-Mar. 1983	Apr-June 1983
A. ALL FAMILIES													
INCOME UP MORE	13%	12%	14%	13%	16%	15%	15%	18%	18%	18%	19%	19%	21%
INCOME UP SAME	37	39	40	40	41	41	40	42	42	39	43	42	45
PRICES UP MORE	47	45	43	42	40	40	42	37	37	40	[illegible]	36	31
DK,NA	3	4	3	5	3	4	3	3	3	3	3	3	3
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
B. FAMILIES WITH INCOMES OF $20,000 AND OVER													
INCOME UP MORE	15%	18%	16%	19%	19%	20%	19%	24%	21%	23%	24%	24%	25%
INCOME UP SAME	41	39	43	43	45	43	43	44	45	43	43	42	47
PRICES UP MORE	43	41	39	36	35	35	36	31	33	32	31	31	26
DK,NA	1	2	2	2	1	2	2	1	1	2	2	3	2
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

The question was: "How about the next year or two--do you expect that your (family) income will go up more than prices will go up, about the same, or less than prices will go up?"

CHART 11 - RECENT CHANGES

TREND IN INCOME AND PRICE COMPARISON

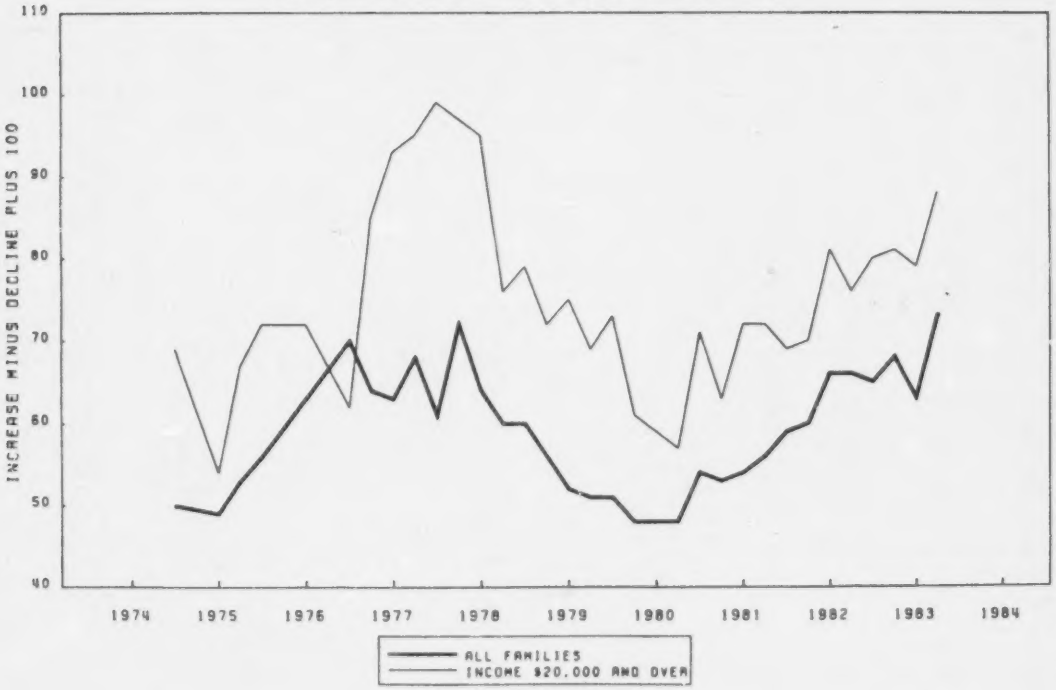


TABLE 11

TREND IN FAMILY INCOME AND PRICES COMPARISONS

	Apr-June 1980	Jul-Sept 1980	Oct-Dec. 1980	Jan-Mar. 1981	Apr-June 1981	Jul-Sept 1981	Oct-Dec. 1981	Jan-Mar. 1982	Apr-June 1982	Jul-Sept 1982	Oct-Dec. 1982	Jan-Mar. 1983	Apr-June 1983
A. ALL FAMILIES													
REAL INCOME PROGRESS:													
Continuous increase (a)	4%	4%	6%	6%	5%	7%	6%	8%	9%	8%	9%	9%	10%
Intermittent increase (b)	9	10	8	9	9	9	10	10	10	10	11	8	11
Remain unchanged (c)	13	16	16	16	17	18	18	20	19	19	19	17	20
Intermittent decline (d)	24	22	25	24	25	23	23	23	24	22	24	26	23
Continuous decline (e)	40	37	35	35	34	33	33	29	28	32	26	28	25
Mixed change (f)	6	6	6	5	7	6	7	7	7	5	7	8	8
DK,NA	4	5	4	5	3	4	3	3	3	4	4	4	3
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
B. FAMILIES WITH INCOMES OF $20,000 AND OVER													
REAL INCOME PROGRESS:													
Continuous increase (a)	7%	9%	9%	11%	9%	11%	8%	13%	12%	12%	12%	13%	13%
Intermittent increase (b)	10	15	8	12	14	10	13	13	11	13	14	12	14
Remain unchanged (c)	16	17	20	19	21	20	20	20	21	20	20	18	23
Intermittent decline (d)	25	20	25	22	22	23	22	23	24	21	22	23	21
Continuous decline (e)	34	31	29	28	28	28	29	22	23	24	22	23	19
Mixed change (f)	7	6	6	6	5	7	6	8	8	8	8	8	8
DK,NA	1	2	3	2	1	1	2	1	1	2	2	3	2
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

Combination of the responses to the questions on Tables 9 and 10.

Key: (a) Income up more last year/Income up more next year
(b) Income up more/Same or Income up same/More
(c) Income up same/Same
(d) Prices up more/Same or Prices up same/More
(e) Prices up more/More
(f) Income up more/Prices up more or Prices up more/Income up more

CHART 12 - RECENT CHANGES

NEWS HEARD OF RECENT CHANGES IN BUSINESS CONDITIONS

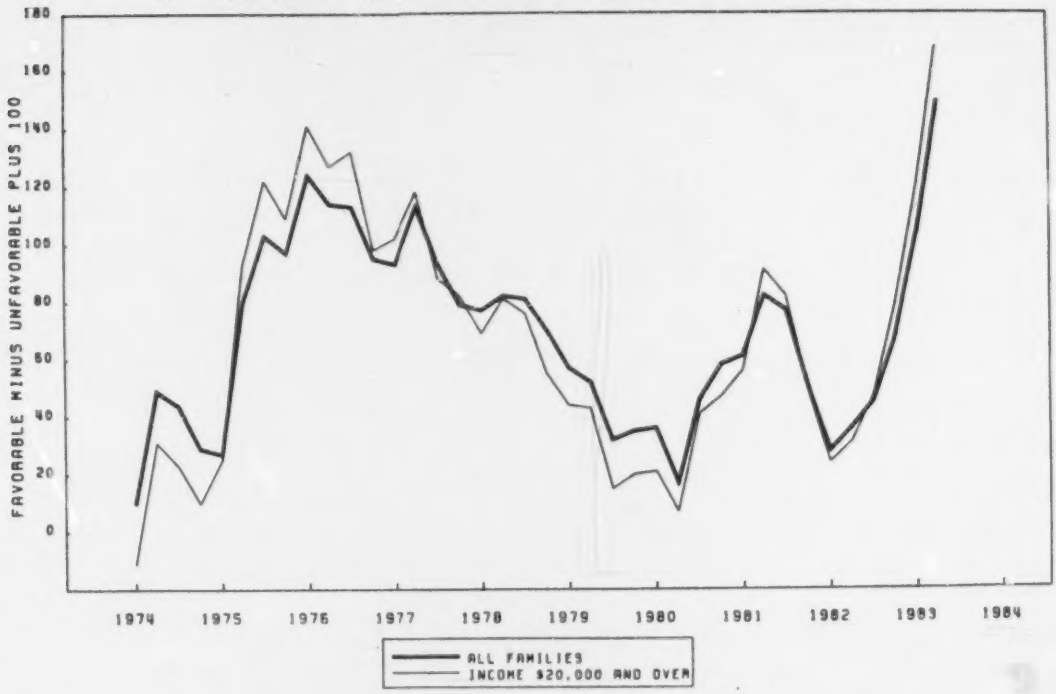


CHART 12 - HISTORICAL SERIES

NEWS HEARD OF RECENT CHANGES IN BUSINESS CONDITIONS

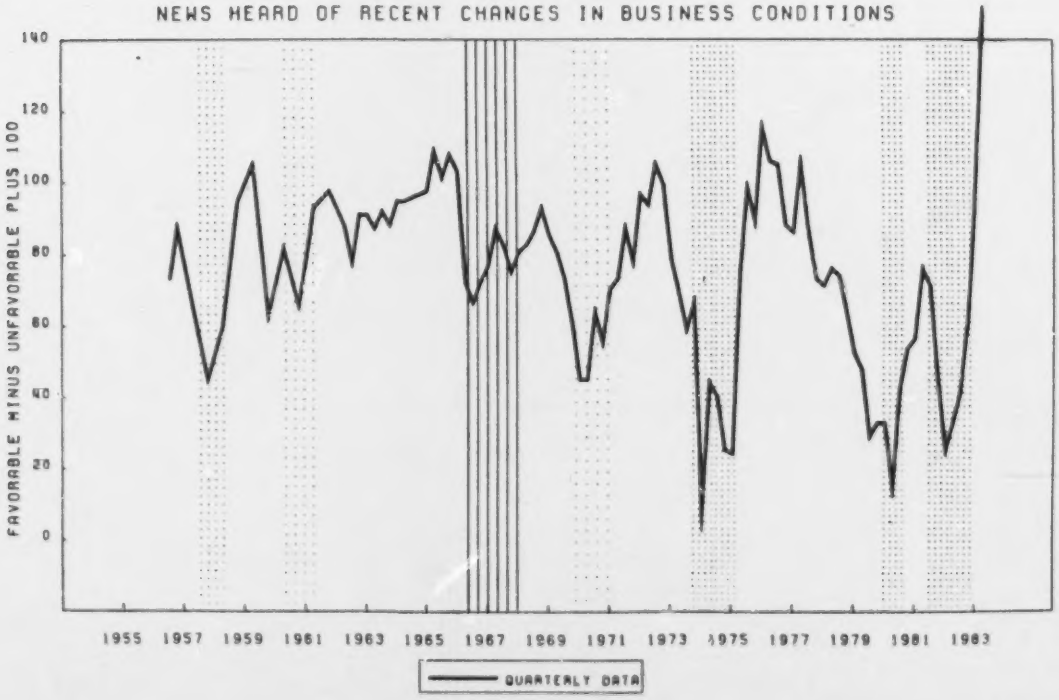


TABLE 12

NEWS HEARD OF RECENT CHANGES IN BUSINESS CONDITIONS +

	Apr-June 1980	Jul-Sept 1980	Oct-Dec. 1980	Jan-Mar. 1981	Apr-June 1981	Jul-Sept 1981	Oct-Dec. 1981	Jan-Mar. 1982	Apr-June 1982	Jul-Sept 1982	Oct-Dec. 1982	Jan-Mar. 1983	Apr-June 1983
A. ALL FAMILIES													
FAVORABLE NEWS	12%	24%	24%	24%	28%	26%	20%	20%	22%	29%	39%	58%	80%
UNFAVORABLE NEWS	94	79	66	63	46	49	70	92	88	85	73	55	31
NO MENTIONS	31	34	41	42	49	49	42	29	30	28	28	29	30
B. FAMILIES WITH INCOMES OF $20,000 AND OVER													
FAVORABLE NEWS	15%	31%	29%	34%	43%	35%	22%	26%	29%	38%	49%	73%	96%
UNFAVORABLE NEWS	108	89	82	78	52	54	72	102	98	91	71	54	28
NO MENTIONS	23	26	30	30	36	41	38	22	22	21	24	23	23

The questions were: "During the last few months, have you heard of any favorable or unfavorable changes in business conditions?" and "What did you hear?"

+ : May add to more than 100% due to multiple mentions.

CHART 13A - HISTORICAL SERIES

TYPE OF NEWS HEARD ABOUT CHANGES IN BUSINESS CONDITIONS

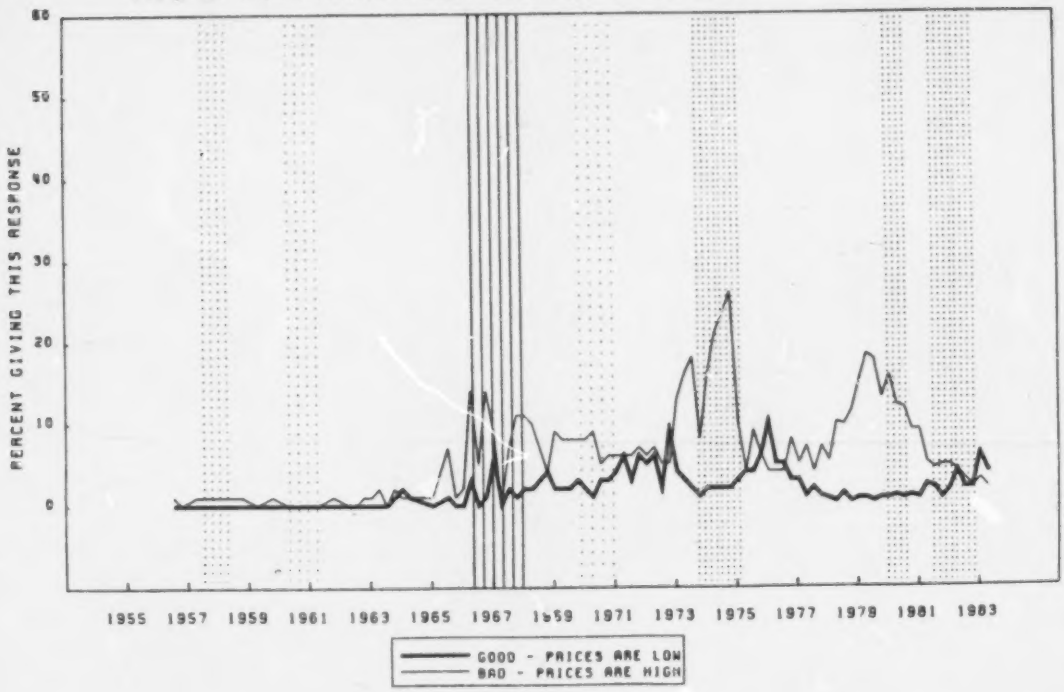


CHART 13B - HISTORICAL SERIES

TYPE OF NEWS HEARD ABOUT CHANGES IN BUSINESS CONDITIONS

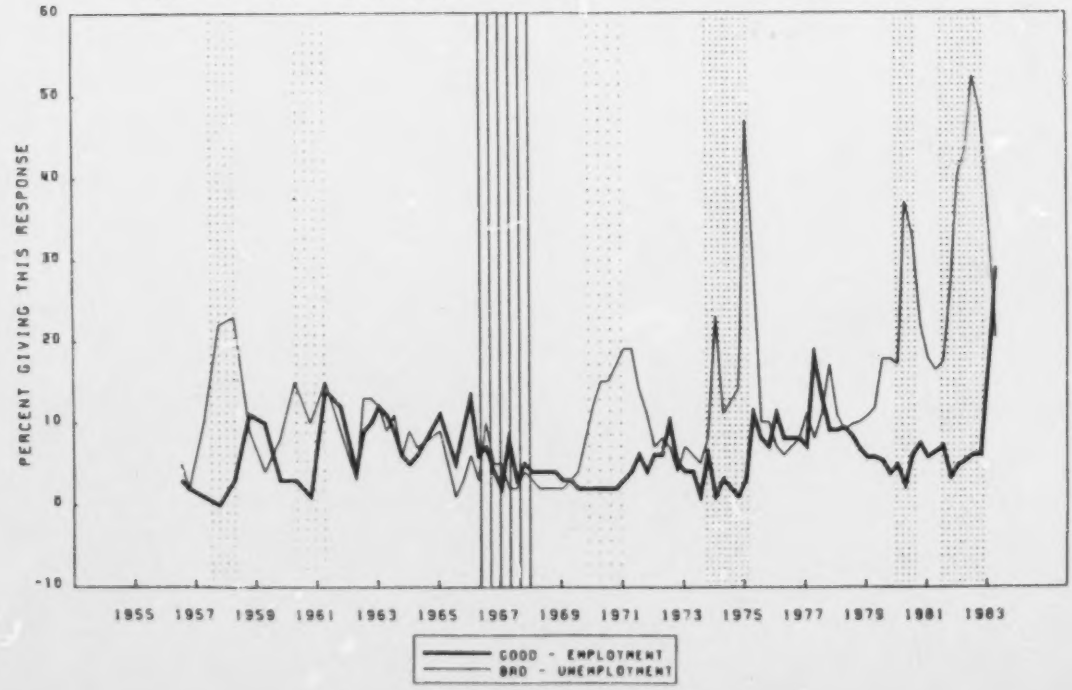


TABLE 13

SELECTED ITEMS OF
NEWS HEARD OF RECENT CHANGES IN BUSINESS CONDITIONS +

	Apr-June 1980	Jul-Sept 1980	Oct-Dec. 1980	Jan-Mar. 1981	Apr-June 1981	Jul-Sept 1981	Oct-Dec. 1981	Jan-Mar. 1982	Apr-June 1982	Jul-Sept 1982	Oct-Dec. 1982	Jan-Mar. 1983	Apr-June 1983
A. ALL FAMILIES													
FAVORABLE NEWS:													
Government; elections	1%	1%	4%	7%	5%	6%	4%	4%	2%	2%	2%	2%	1%
Employment	2	6	7	6	6	7	3	5	5	6	6	17	29
Higher consumer demand	1	2	2	1	3	2	1	*	2	2	2	6	10
Lower prices	1	1	1	1	2	2	1	2	4	2	2	6	4
Easier credit	4	7	1	3	3	2	6	5	3	10	17	14	16
UNFAVORABLE NEWS:													
Government; elections	3	3	3	5	5	5	4	6	4	4	3	3	3
Unemployment	37	33	22	18	16	17	27	40	43	52	48	35	19
Lower consumer demand	9	11	9	11	5	4	9	12	9	6	7	4	2
Higher prices	12	12	9	9	5	4	5	5	4	3	2	3	2
Tighter credit	16	6	13	8	7	8	10	8	8	6	2	1	1
Energy crisis	1	1	1	1	*	1	*	*	*	*	*	*	*
B. FAMILIES WITH INCOMES OF $20,000 AND OVER													
FAVORABLE NEWS:													
Government; elections	2%	1%	5%	12%	9%	9%	4%	5%	3%	2%	2%	3%	1%
Employment	3	6	9	8	9	9	4	5	6	7	7	19	32
Higher consumer demand	*	2	2	2	3	3	1	1	3	3	3	7	14
Lower prices	1	1	1	1	3	3	1	2	5	3	3	8	6
Easier credit	7	11	2	3	6	3	6	7	4	14	21	19	19
UNFAVORABLE NEWS:													
Government; elections	3	4	3	6	4	4	3	5	4	3	3	3	2
Unemployment	39	38	26	19	16	18	26	44	47	57	47	36	19
Lower consumer demand	12	13	11	13	7	6	9	16	13	7	7	3	1
Higher prices	12	9	9	10	6	4	5	4	4	2	2	2	2
Tighter credit	23	8	19	15	10	10	12	11	11	8	1	1	*
Energy crisis	1	1	1	1	*	*	*	*	*	*	*	*	*

The questions were: "During the last few months, have you heard of any favorable or unfavorable changes in business conditions?" and "What did you hear?"

+ : May add to more than 100% due to multiple mentions.

* : Less than half of one percent.

CHART 14 - RECENT CHANGES

CURRENT BUSINESS CONDITIONS COMPARED WITH A YEAR AGO

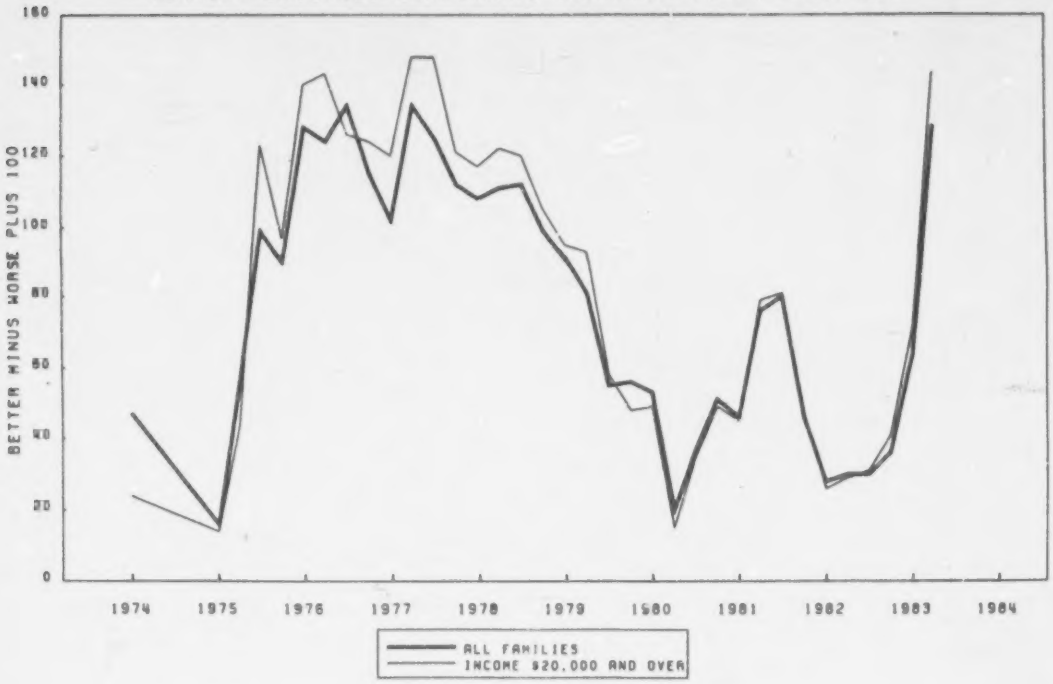


CHART 14 - HISTORICAL SERIES

CURRENT BUSINESS CONDITIONS COMPARED WITH A YEAR AGO

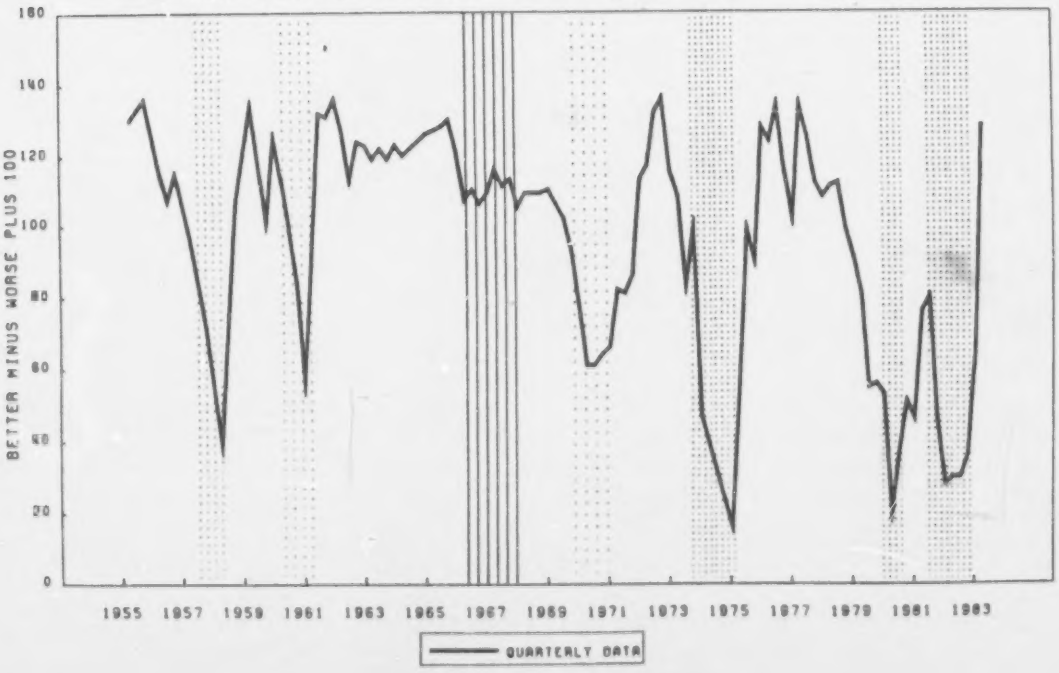


TABLE 14

CURRENT BUSINESS CONDITIONS COMPARED TO A YEAR AGO

	Apr-June 1980	Jul-Sept 1980	Oct-Dec. 1980	Jan-Mar. 1981	Apr-June 1981	Jul-Sept 1981	Oct-Dec. 1981	Jan-Mar. 1982	Apr-June 1982	Jul-Sept 1982	Oct-Dec. 1982	Jan-Mar. 1983	Apr-June 1983
A. ALL FAMILIES													
BETTER NOW	7%	15%	19%	15%	28%	31%	17%	10%	11%	11%	14%	27%	59%
SAME	6	7	11	14	17	15	10	7	7	7	8	9	10
WORSE NOW	86	77	67	69	53	51	71	82	81	81	77	64	30
DK,NA	1	1	3	2	2	3	2	1	1	1	1	*	1
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
B. FAMILIES WITH INCOMES OF $20,000 AND OVER													
BETTER NOW	4%	14%	18%	16%	31%	34%	18%	10%	11%	12%	16%	31%	67%
SAME	5	5	11	12	16	12	10	5	6	6	8	8	8
WORSE NOW	90	80	70	71	52	52	71	84	82	81	75	60	24
DK,NA	1	1	1	1	1	2	1	1	1	1	1	1	1
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

The question was: "Would you say that at the present time business conditions are better or worse than they were a year ago?"

* : Less than half of one percent.

CHART 15 - RECENT CHANGES

EXPECTED CHANGE IN BUSINESS CONDITIONS IN A YEAR

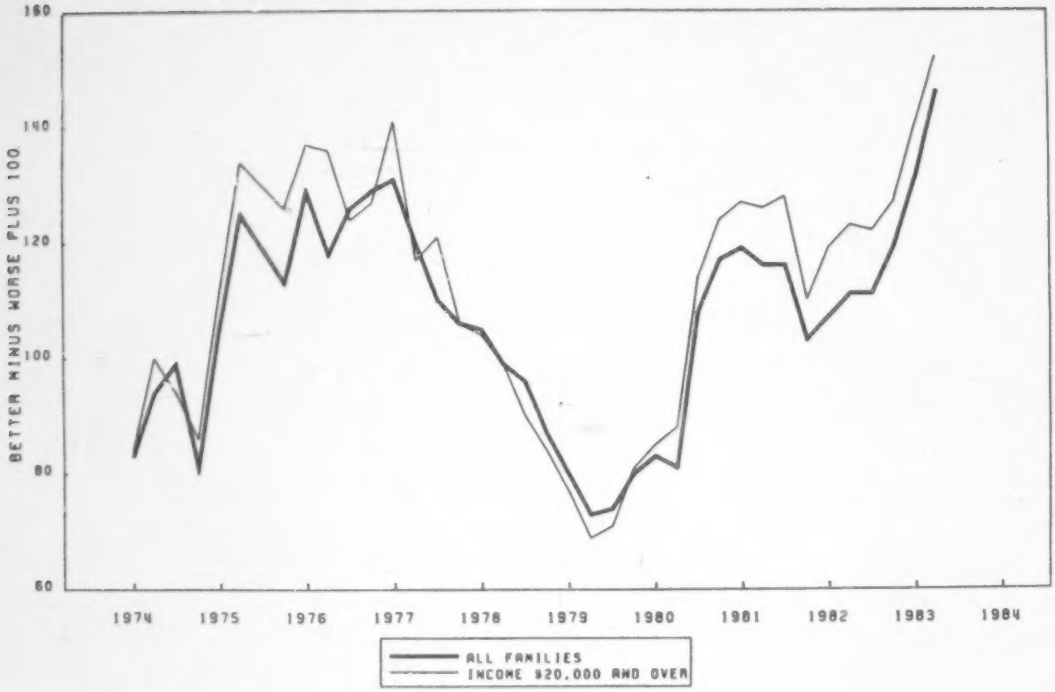


CHART 15 - HISTORICAL SERIES

EXPECTED CHANGE IN BUSINESS CONDITIONS IN A YEAR

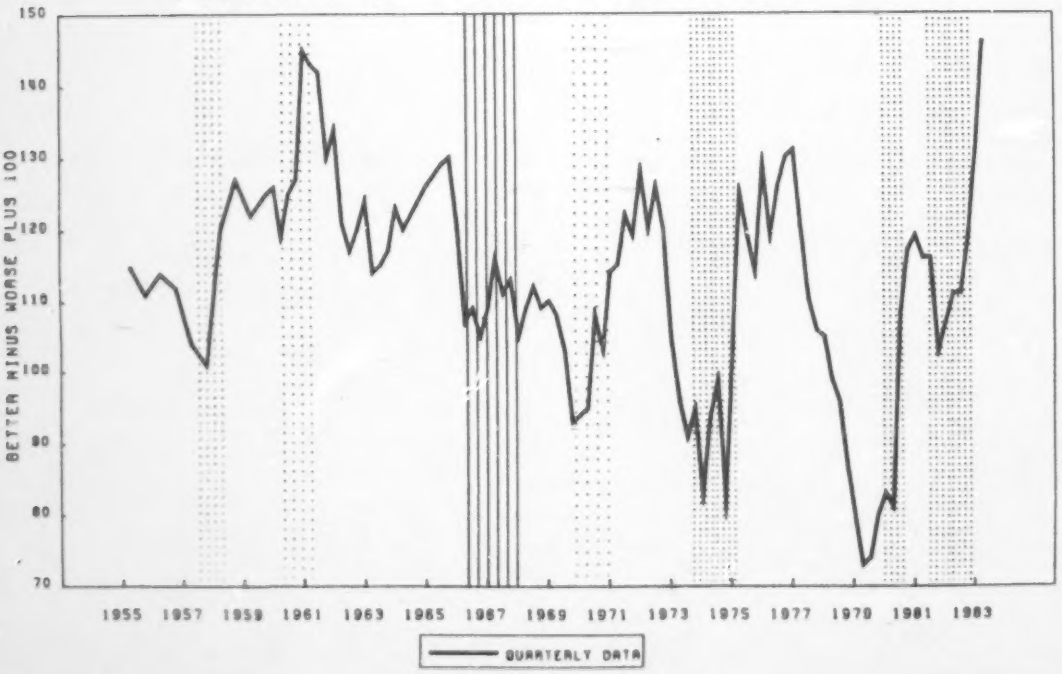


TABLE 15

EXPECTED CHANGE IN BUSINESS CONDITIONS IN A YEAR

	Apr-June 1980	Jul-Sept 1980	Oct-Dec. 1980	Jan-Mar. 1981	Apr-June 1981	Jul-Sept 1981	Oct-Dec. 1981	Jan-Mar. 1982	Apr-June 1982	Jul-Sept 1982	Oct-Dec. 1982	Jan-Mar. 1983	Apr-June 1983
A. ALL FAMILIES													
BETTER	20%	29%	34%	37%	36%	34%	29%	34%	36%	34%	39%	45%	52%
SAME	37	45	44	42	42	44	41	38	37	42	39	41	39
WORSE	39	22	17	18	20	19	27	26	25	22	20	13	7
DK,NA	4	4	5	3	2	3	3	2	2	2	2	1	2
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
B. FAMILIES WITH INCOMES OF $20,000 AND OVER													
BETTER	24%	34%	40%	42%	41%	41%	33%	41%	43%	40%	44%	49%	57%
SAME	38	44	41	40	42	44	40	35	34	41	37	41	36
WORSE	36	20	16	15	16	13	23	22	21	18	18	9	6
DK,NA	2	2	3	3	1	2	4	2	2	1	1	1	1
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

The question was: "And how about a year from now, do you expect that in the country as a whole business conditions will be better, or worse than they are at present, or just about the same?"

CHART 16A - HISTORICAL SERIES

REASONS FOR OPINIONS ABOUT BUSINESS CONDITIONS IN A YEAR

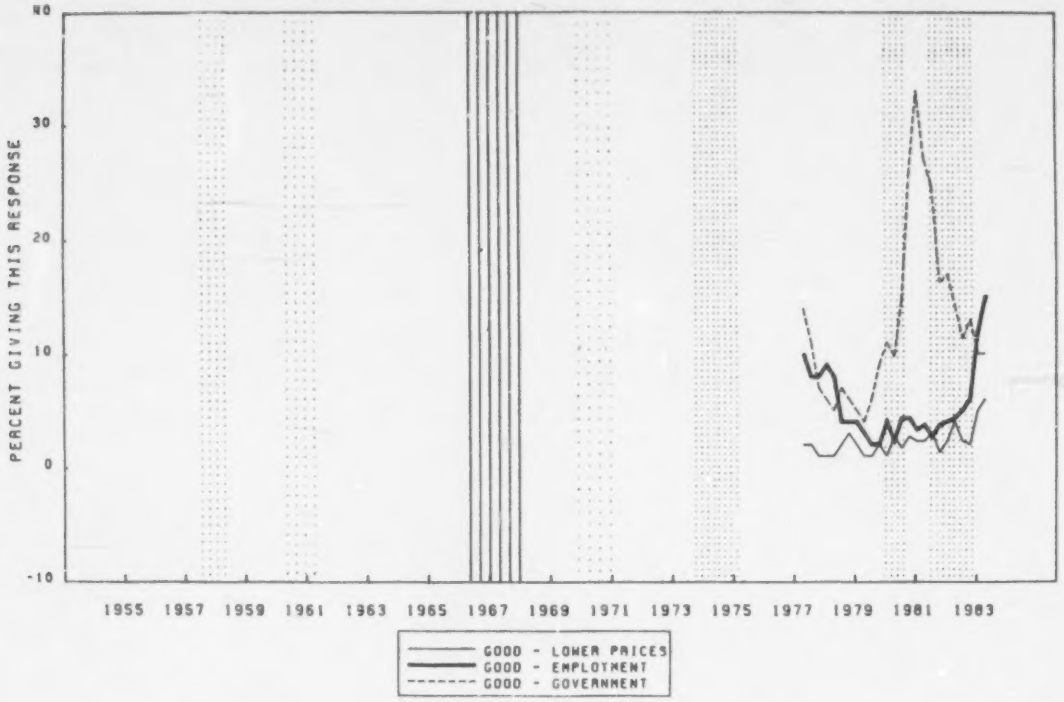


CHART 16B - HISTORICAL SERIES

REASONS FOR OPINIONS ABOUT BUSINESS CONDITIONS IN A YEAR

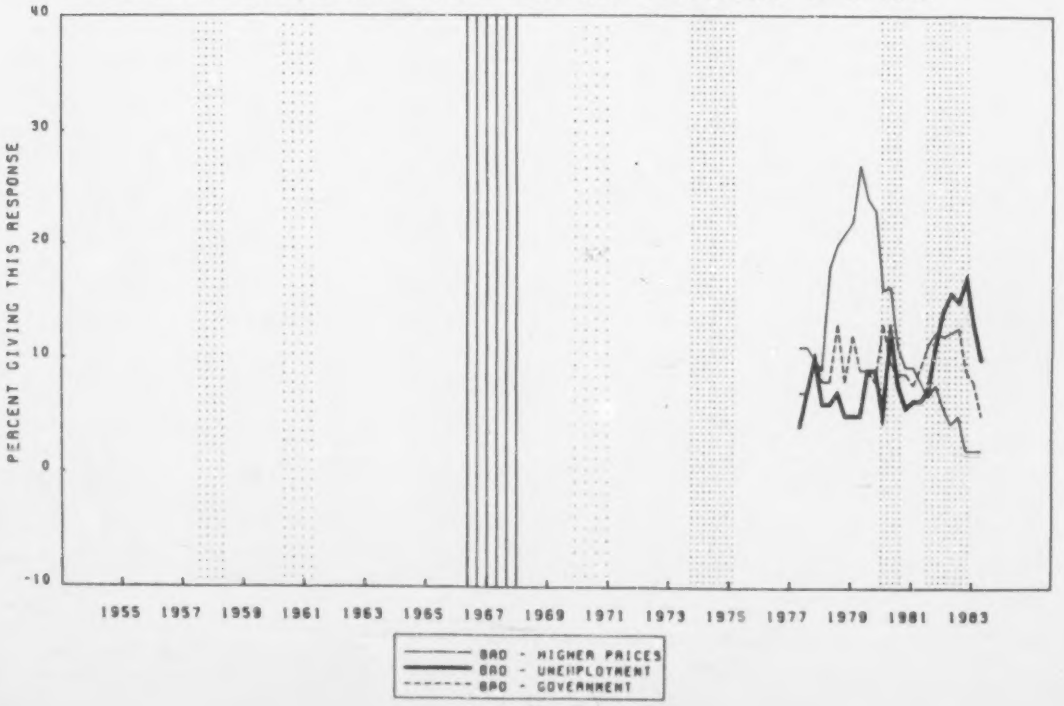


TABLE 16

REASONS FOR OPINIONS ABOUT CHANGES IN BUSINESS CONDITIONS IN A YEAR +

	Apr-June 1980	Jul-Sept 1980	Oct-Dec. 1980	Jan-Mar. 1981	Apr-June 1981	Jul-Sept 1981	Oct-Dec. 1981	Jan-Mar. 1982	Apr-June 1982	Jul-Sept 1982	Oct-Dec. 1982	Jan-Mar. 1983	Apr-June 1983
A. ALL FAMILIES													
FAVORABLE REASONS:													
Government; elections	10%	15%	26%	33%	27%	25%	16%	17%	14%	12%	13%	10%	10%
Employment	2	4	4	3	4	3	4	4	4	5	6	12	15
Higher consumer demand	2	3	3	2	2	3	2	3	4	3	5	6	9
Lower prices	3	2	3	2	2	3	1	2	4	2	2	5	6
Easier credit	3	3	2	3	3	4	7	6	9	9	13	12	13
UNFAVORABLE REASONS:													
Government; elections	10	9	9	8	9	11	12	12	12	13	9	8	5
Unemployment	12	8	6	6	6	7	11	14	16	15	17	13	10
Lower consumer demand	5	5	3	4	4	5	5	7	6	4	4	3	3
Higher prices	16	11	9	9	8	7	8	6	4	5	2	2	2
Tighter credit	7	2	4	3	3	6	5	6	7	7	3	2	2
Energy crisis	2	1	1	1	*	*	*	*	*	*	*	*	*
B. FAMILIES WITH INCOMES OF $20,000 AND OVER													
FAVORABLE REASONS:													
Government; elections	11%	17%	31%	38%	33%	29%	19%	20%	18%	15%	15%	9%	12%
Employment	3	5	5	3	4	5	4	5	6	6	8	13	15
Higher consumer demand	2	4	5	3	3	4	3	4	5	4	6	8	11
Lower prices	4	2	3	3	3	4	1	3	5	3	3	6	6
Easier credit	6	3	4	5	5	8	7	9	11	12	17	16	16
UNFAVORABLE REASONS:													
Government; elections	8	9	8	8	8	7	11	11	13	11	9	7	4
Unemployment	11	7	4	4	5	6	9	13	12	13	15	10	9
Higher consumer demand	5	6	4	5	3	3	6	7	6	5	5	4	2
Higher prices	15	10	10	7	7	5	6	5	4	3	2	1	2
Tighter credit	9	3	5	4	4	8	7	7	7	8	4	2	3
Energy crisis	3	1	1	2	*	*	*	*	*	*	*	*	*

The question was: "Why do you expect business conditions to be better/the same/worse a year from now?" following the question on table 15.

+ : May add to more than 100% due to multiple mentions.

* : Less than half of one percent.

CHART 17 - RECENT CHANGES

TREND IN PAST AND EXPECTED CHANGES IN BUSINESS CONDITIONS

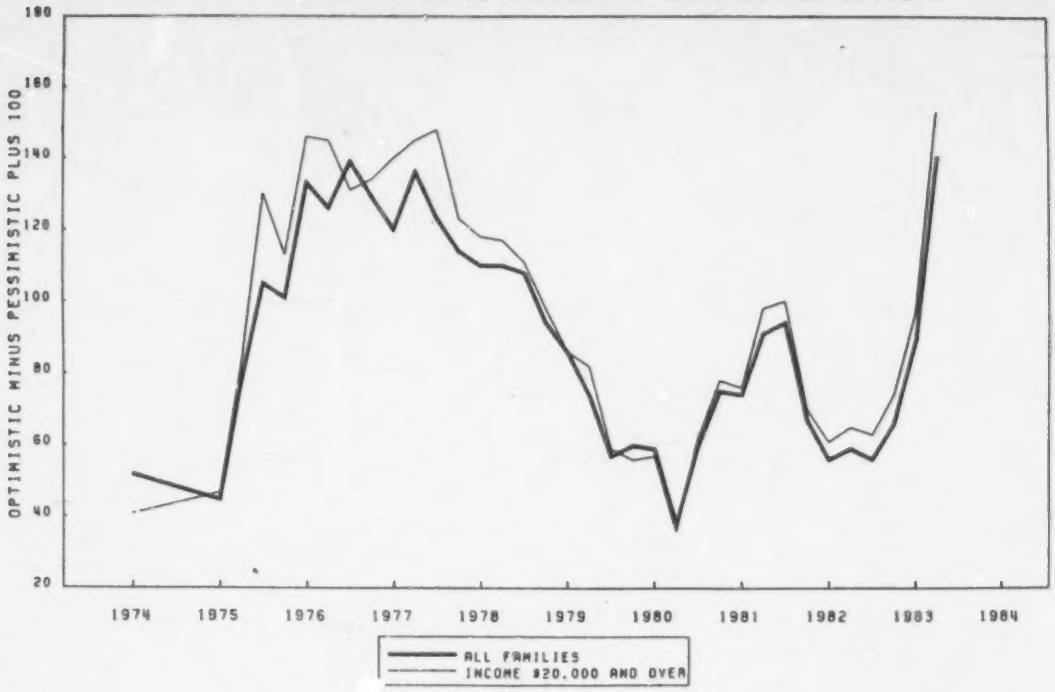


CHART 17 - HISTORICAL SERIES

TREND IN PAST AND EXPECTED BUSINESS CONDITIONS

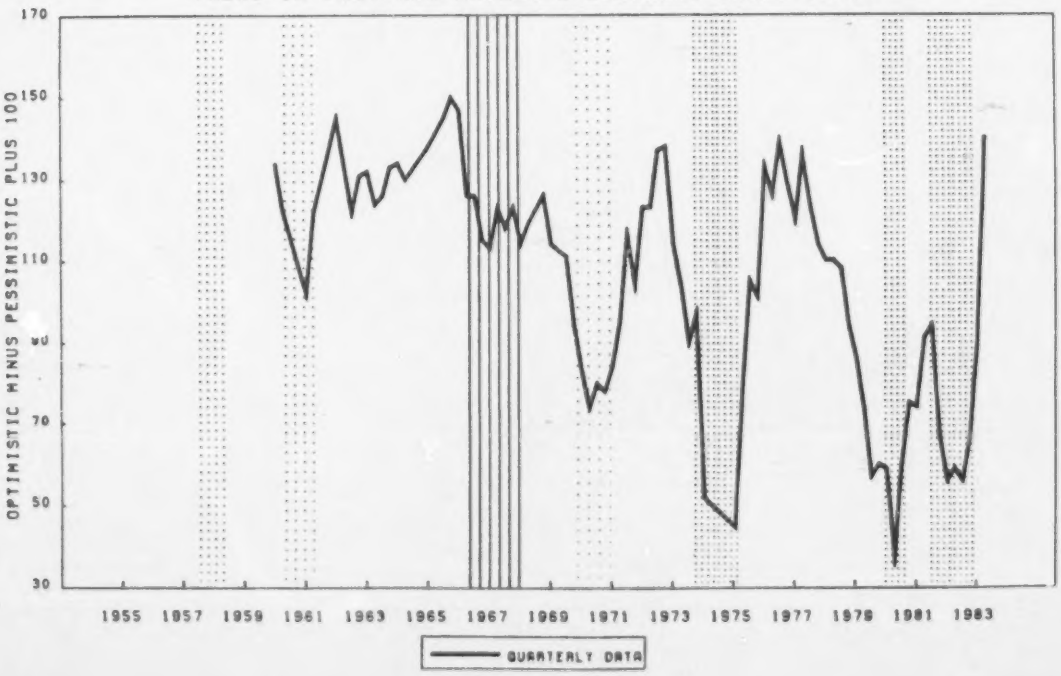


TABLE 17

TREND IN PAST AND EXPECTED CHANGES IN BUSINESS CONDITIONS

	Apr-June 1980	Jul-Sept 1980	Oct-Dec. 1980	Jan-Mar. 1981	Apr-June 1981	Jul-Sept 1981	Oct-Dec. 1981	Jan-Mar. 1982	Apr-June 1982	Jul-Sept 1982	Oct-Dec. 1982	Jan-Mar. 1983	Apr-June 1983
A. ALL FAMILIES													
TREND:													
Continuous increase (a)	2%	5%	8%	7%	16%	16%	8%	5%	7%	7%	9%	19%	39%
Intermittent increase (b)	5	9	12	12	15	18	11	7	6	6	8	12	22
Remain unchanged (c)	2	3	5	7	9	7	4	3	3	3	3	4	5
Intermittent decline (d)	33	35	31	30	26	26	29	31	31	35	33	29	16
Continuous decline (e)	36	19	14	15	14	14	23	25	23	21	18	12	6
Mixed change (f)	18	24	23	24	16	15	20	26	27	25	27	22	10
DK,NA	4	5	7	5	4	4	5	3	3	3	2	2	2
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
B. FAMILIES WITH INCOMES OF $20,000 AND OVER													
TREND:													
Continuous increase (a)	2%	6%	10%	9%	18%	18%	9%	6%	7%	7%	11%	22%	45%
Intermittent increase (b)	3	8	12	11	17	18	12	6	6	7	10	14	24
Remain unchanged (c)	2	2	5	5	8	6	4	2	2	3	2	2	4
Intermittent decline (d)	35	35	29	31	26	27	30	30	29	35	30	30	12
Continuous decline (e)	34	18	14	13	11	9	21	21	20	17	16	9	4
Mixed change (f)	22	28	26	28	18	20	21	33	34	29	30	22	10
DK,NA	2	3	4	3	2	2	3	2	2	2	1	1	1
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

Combination of the responses to the questions on Tables 14 and 15.

Key: (a) Better than a year ago/Better a year from now
(b) Better/Same or Same/Better
(c) Same/Same
(d) Worse/Same or Same/Worse
(e) Worse/Worse
(f) Worse/Better or Better/Worse

CHART 18 - RECENT CHANGES

BUSINESS CONDITIONS EXPECTED DURING THE NEXT TWELVE MONTHS

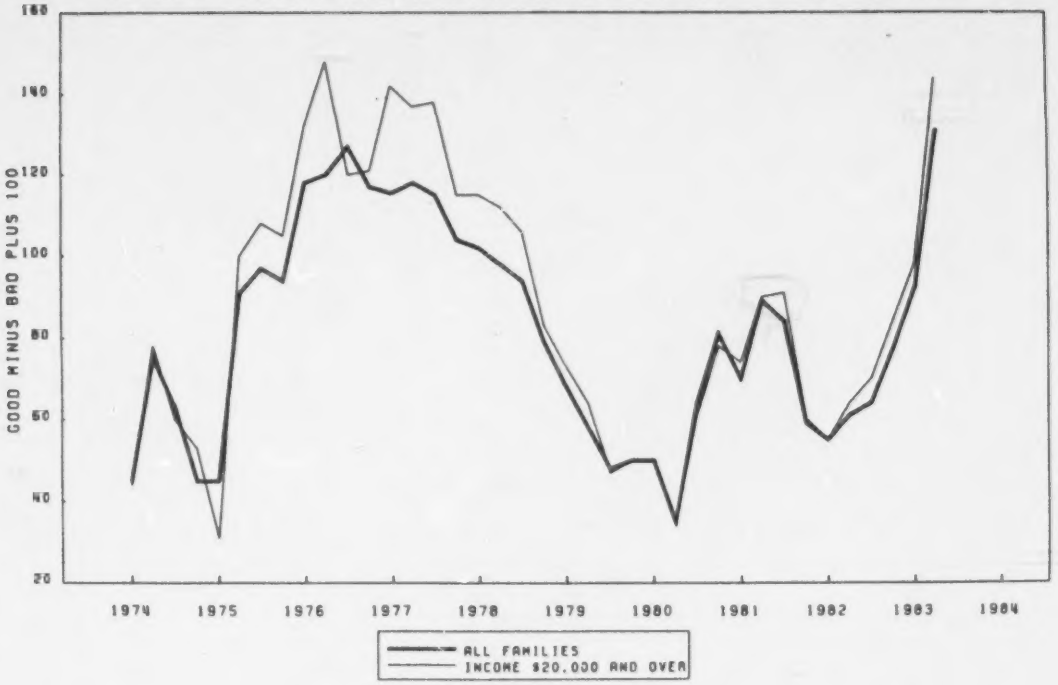


CHART 18 - HISTORICAL SERIES

BUSINESS CONDITIONS EXPECTED DURING THE NEXT TWELVE MONTHS

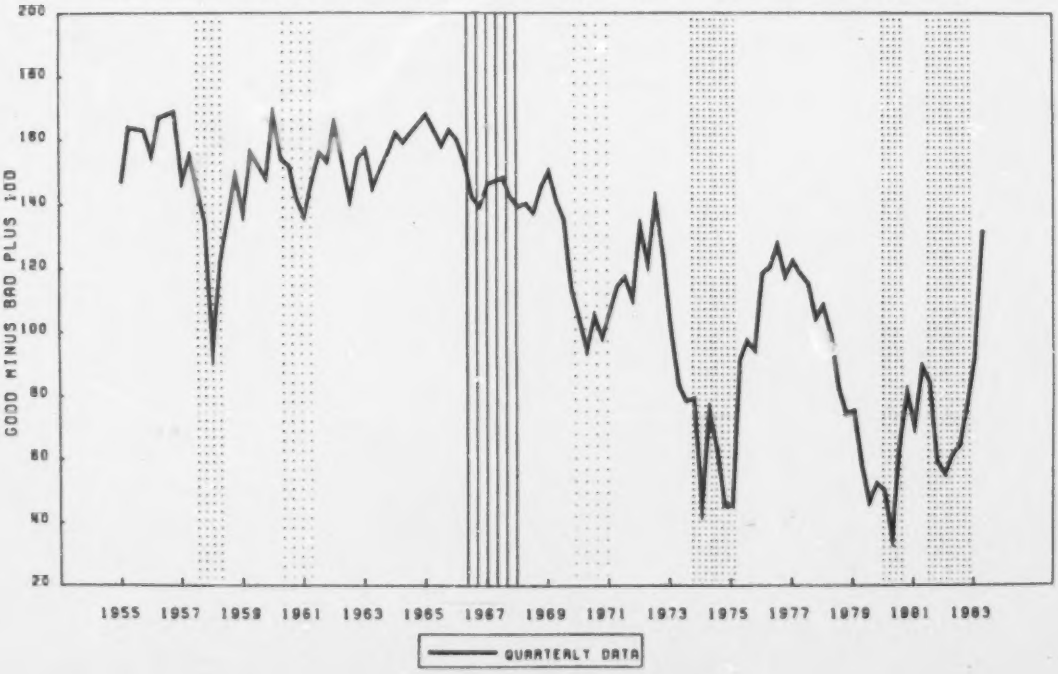


TABLE 18

BUSINESS CONDITIONS EXPECTED DURING THE NEXT 12 MONTHS

	Apr-June 1980	Jul-Sept 1980	Oct-Dec. 1980	Jan-Mar. 1981	Apr-June 1981	Jul-Sept 1981	Oct-Dec. 1981	Jan-Mar. 1982	Apr-June 1982	Jul-Sept 1982	Oct-Dec. 1982	Jan-Mar. 1983	Apr-June 1983
A. ALL FAMILIES													
GOOD TIMES	14%	26%	32%	28%	39%	36%	23%	23%	27%	27%	33%	42%	61%
UNCERTAIN; GOOD & BAD	1	2	2	3	3	3	3	2	1	4	3	1	2
BAD TIMES	78	63	52	58	51	52	64	68	66	63	57	50	30
DON'T KNOW	4	6	8	7	5	5	6	3	4	3	4	3	4
NOT ASCERTAINED	3	3	6	4	2	4	4	4	2	3	3	4	3
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
B. FAMILIES WITH INCOMES OF $20,000 AND OVER													
GOOD TIMES	15%	28%	33%	33%	41%	40%	25%	24%	29%	30%	37%	45%	68%
UNCERTAIN; GOOD & BAD	2	2	2	2	3	3	3	2	2	4	4	1	2
BAD TIMES	80	66	55	59	51	49	66	69	65	61	54	48	24
DON'T KNOW	1	2	5	2	3	4	4	2	2	2	2	1	3
NOT ASCERTAINED	2	2	5	4	2	4	2	3	2	3	3	5	3
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

The question was: "Now turning to business conditions in the country as a whole--do you think that during the next 12 months we'll have good times financially, or bad times or what?"

CHART 19 - RECENT CHANGES

BUSINESS CONDITIONS EXPECTED FOR THE NEXT FIVE YEARS

CHART 19 - HISTORICAL SERIES

BUSINESS CONDITIONS EXPECTED FOR THE NEXT FIVE YEARS

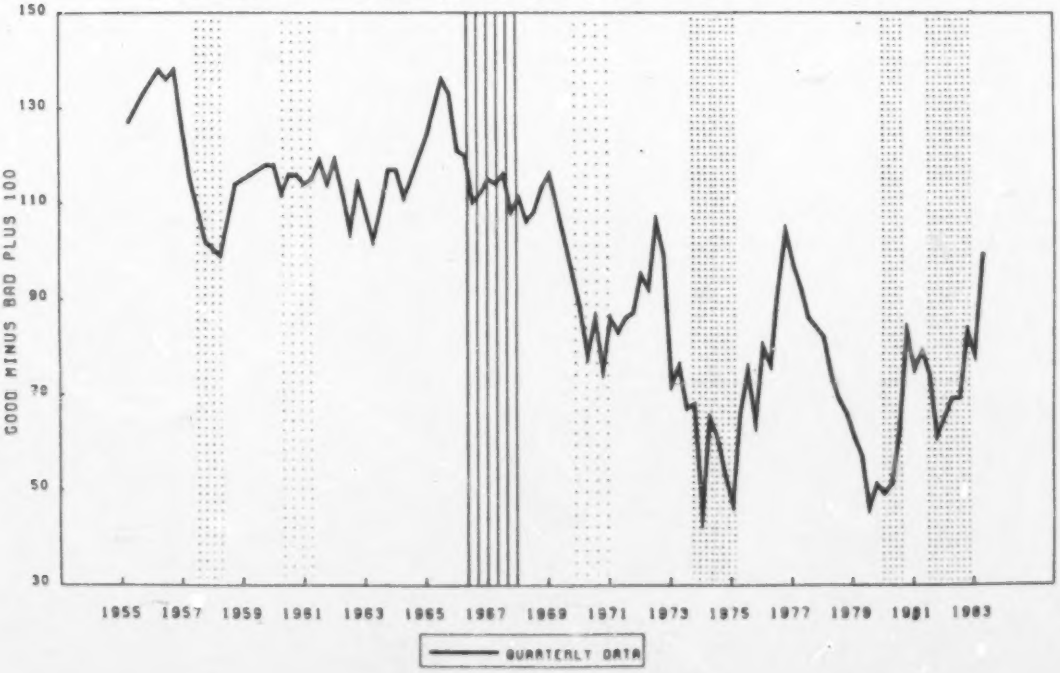


TABLE 19

BUSINESS CONDITIONS EXPECTED DURING THE NEXT FIVE YEARS

	Apr-June 1980	Jul-Sept 1980	Oct-Dec. 1980	Jan-Mar. 1981	Apr-June 1981	Jul-Sept 1981	Oct-Dec. 1981	Jan-Mar. 1982	Apr-June 1982	Jul-Sept 1982	Oct-Dec. 1982	Jan-Mar. 1983	Apr-June 1983
A. ALL FAMILIES													
GOOD TIMES	17%	21%	29%	28%	32%	28%	21%	25%	25%	24%	31%	30%	39%
UNCERTAIN; GOOD & BAD	12	14	17	14	11	13	16	12	13	15	14	13	17
BAD TIMES	66	59	46	53	53	54	59	60	56	56	48	52	40
NOT ASCERTAINED	5	6	8	5	4	5	4	3	6	5	7	5	4
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
B. FAMILIES WITH INCOMES OF $20,000 AND OVER													
GOOD TIMES	19%	25%	31%	30%	36%	33%	24%	28%	28%	28%	33%	34%	44%
UNCERTAIN; GOOD & BAD	12	13	16	14	12	13	18	14	13	16	14	13	17
BAD TIMES	63	57	46	50	48	48	55	55	53	51	47	48	36
NOT ASCERTAINED	6	5	7	6	4	6	3	3	6	5	6	5	3
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

The question was: "Looking ahead, which would you say is more likely--that in the country as a whole we'll have continuous good times during the next 5 years or so, or that we will have periods of widespread unemployment or depression, or what?"

CHART 20 - RECENT CHANGES
EXPECTED CHANGE IN UNEMPLOYMENT

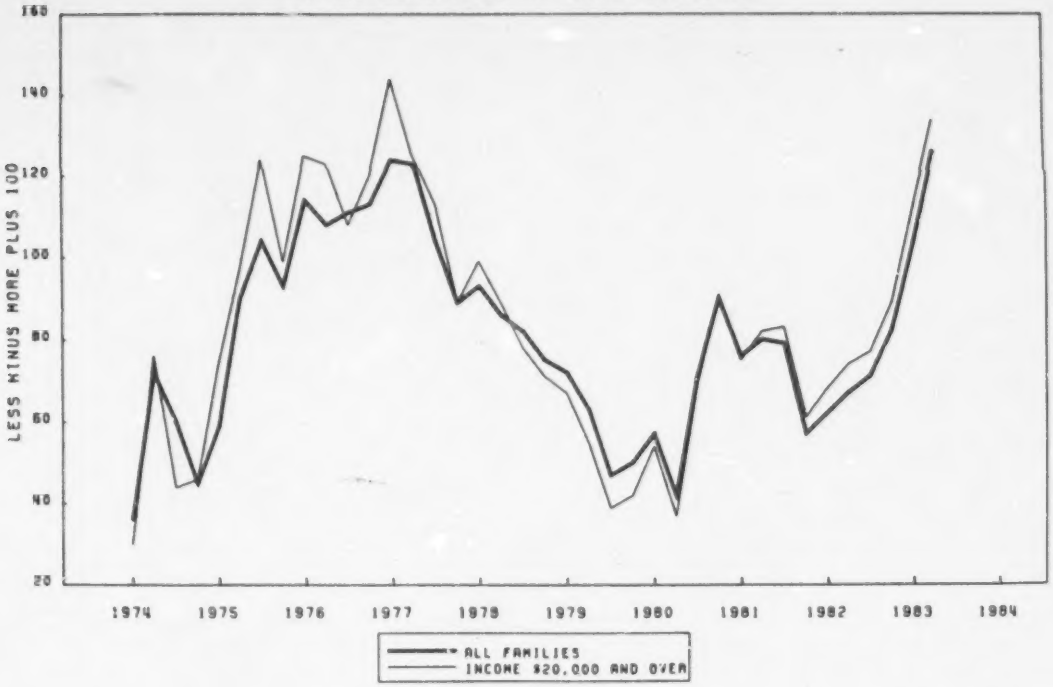


CHART 20 - HISTORICAL SERIES
EXPECTED CHANGE IN UNEMPLOYMENT

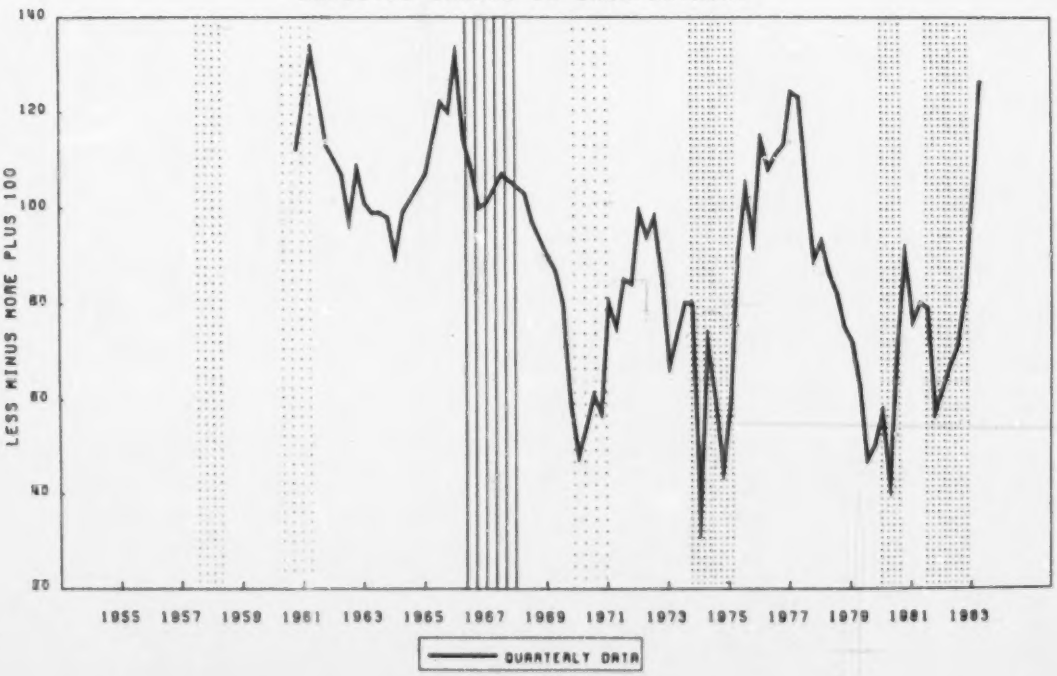


TABLE 20

EXPECTED CHANGE IN UNEMPLOYMENT

	Apr-June 1980	Jul-Sept 1980	Oct-Dec. 1980	Jan-Mar. 1981	Apr-June 1981	Jul-Sept 1981	Oct-Dec. 1981	Jan-Mar. 1982	Apr-June 1982	Jul-Sept 1982	Oct-Dec. 1982	Jan-Mar. 1983	Apr-June 1983
A. ALL FAMILIES													
LESS	7%	17%	21%	16%	17%	16%	11%	14%	16%	17%	21%	29%	40%
SAME	26	35	45	42	44	45	33	33	35	36	39	43	44
MORE	66	46	31	40	37	37	54	52	48	46	38	27	15
DK,NA	1	2	3	2	2	2	2	1	1	1	2	1	1
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
B. FAMILIES WITH INCOMES OF $20,000 AND OVER													
LESS	7%	16%	21%	16%	18%	17%	12%	17%	18%	19%	24%	34%	45%
SAME	24	36	47	42	45	48	36	34	38	38	41	44	43
MORE	69	48	31	41	36	34	51	48	44	42	35	22	11
DK,NA	*	*	1	1	1	1	1	1	*	1	*	*	1
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

The question was: "How about people out of work during the coming 12 months--do you think that there will be more unemployment than now, about the same, or less?"

* : Less than half of one percent.

CHART 21 - RECENT CHANGES
EXPECTED CHANGE IN INTEREST RATES

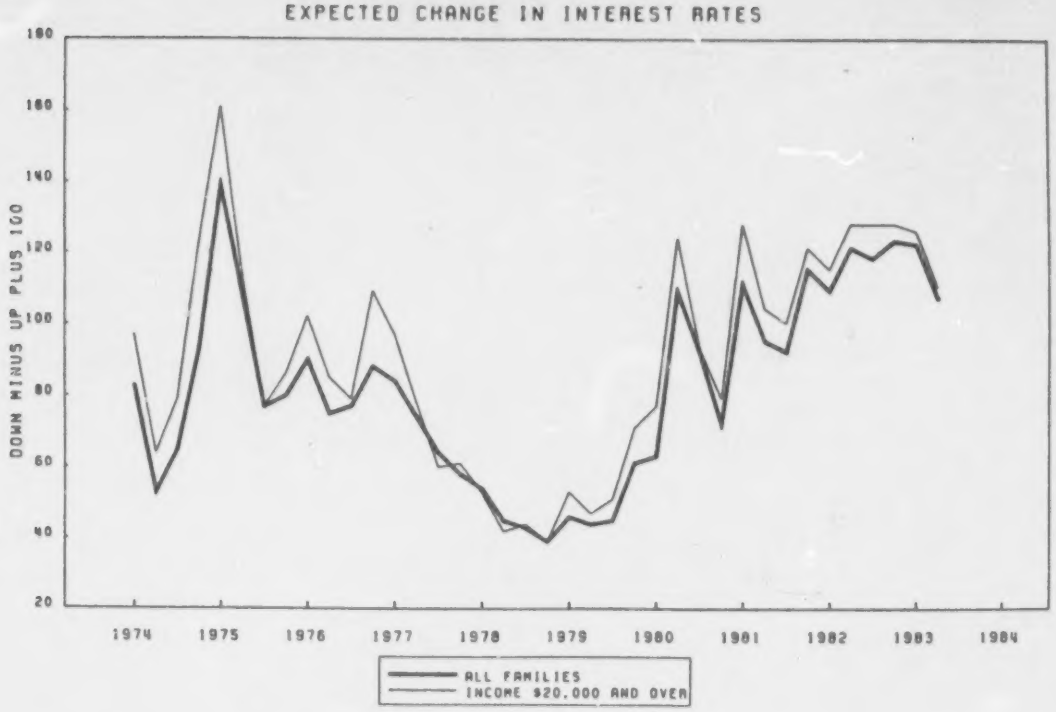


CHART 21 - HISTORICAL SERIES
EXPECTED CHANGE IN INTEREST RATES

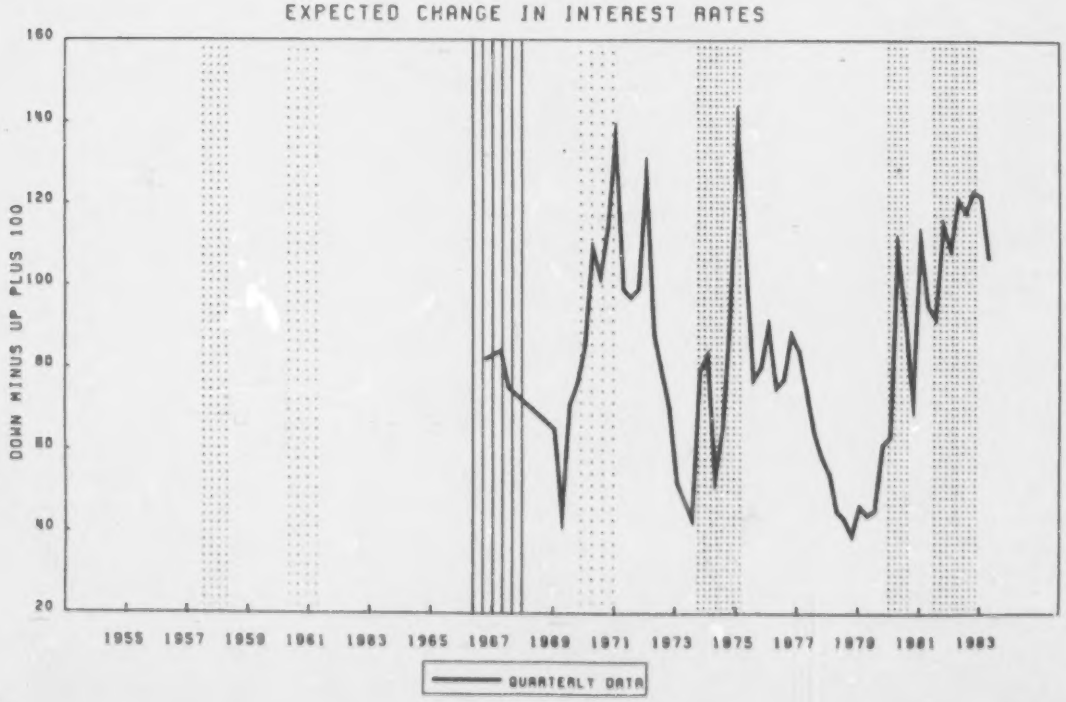


TABLE 21

EXPECTED CHANGE IN INTEREST RATES

	Apr-June 1980	Jul-Sept 1980	Oct-Dec. 1980	Jan-Mar. 1981	Apr-June 1981	Jul-Sept 1981	Oct-Dec. 1981	Jan-Mar. 1982	Apr-June 1982	Jul-Sept 1982	Oct-Dec. 1982	Jan-Mar. 1983	Apr-June 1983
A. ALL FAMILIES													
GO UP	34%	38%	51%	30%	37%	36%	27%	28%	21%	22%	22%	20%	23%
STAY THE SAME	20	29	20	23	28	32	27	31	35	34	28	35	44
GO DOWN	43	29	23	41	31	28	42	37	41	40	46	42	31
DK,NA	3	4	6	6	4	4	4	4	3	4	4	3	2
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
B. FAMILIES WITH INCOMES OF $20,000 AND OVER													
GO UP	28%	37%	48%	22%	31%	32%	25%	25%	17%	18%	20%	18%	21%
STAY THE SAME	19	30	21	23	31	35	27	33	36	34	30	36	47
GO DOWN	52	30	27	51	35	32	46	40	45	46	49	44	31
DK,NA	1	3	4	4	3	1	2	2	2	2	1	2	1
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

The question was: "No one can say for sure, but what do you think will happen to interest rates for borrowing money during the next 12 months--will they go up, stay the same, or go down?"

CHART 22 - RECENT CHANGES

CHANGE IN PRICES DURING THE LAST 12 MONTHS

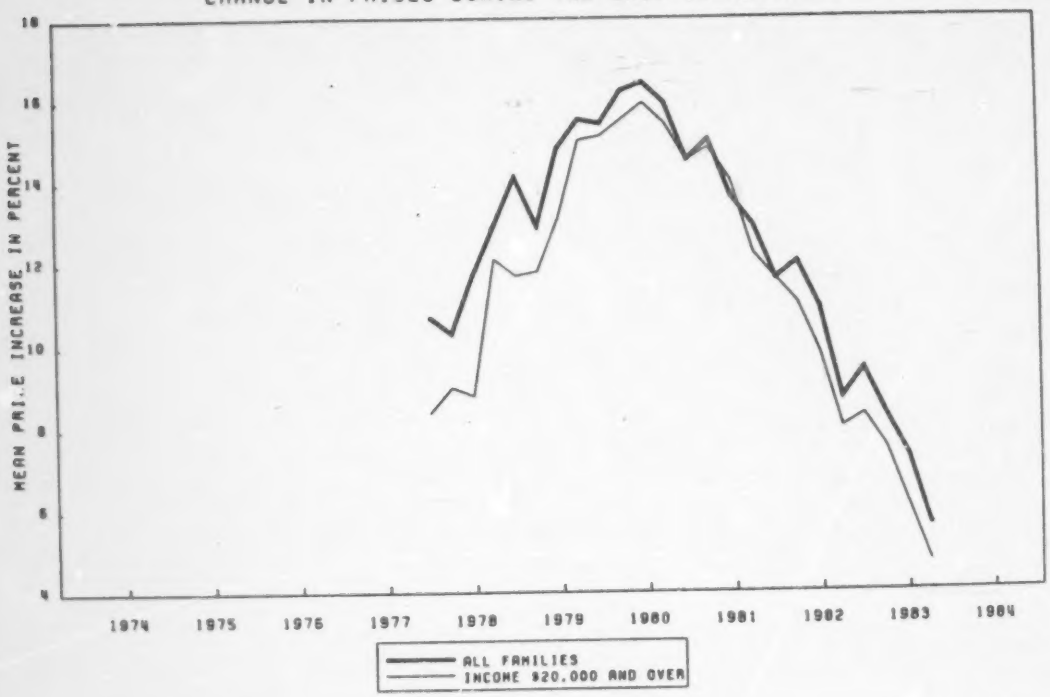


CHART 22 - HISTORICAL SERIES

CHANGE IN PRICES DURING THE LAST 12 MONTHS

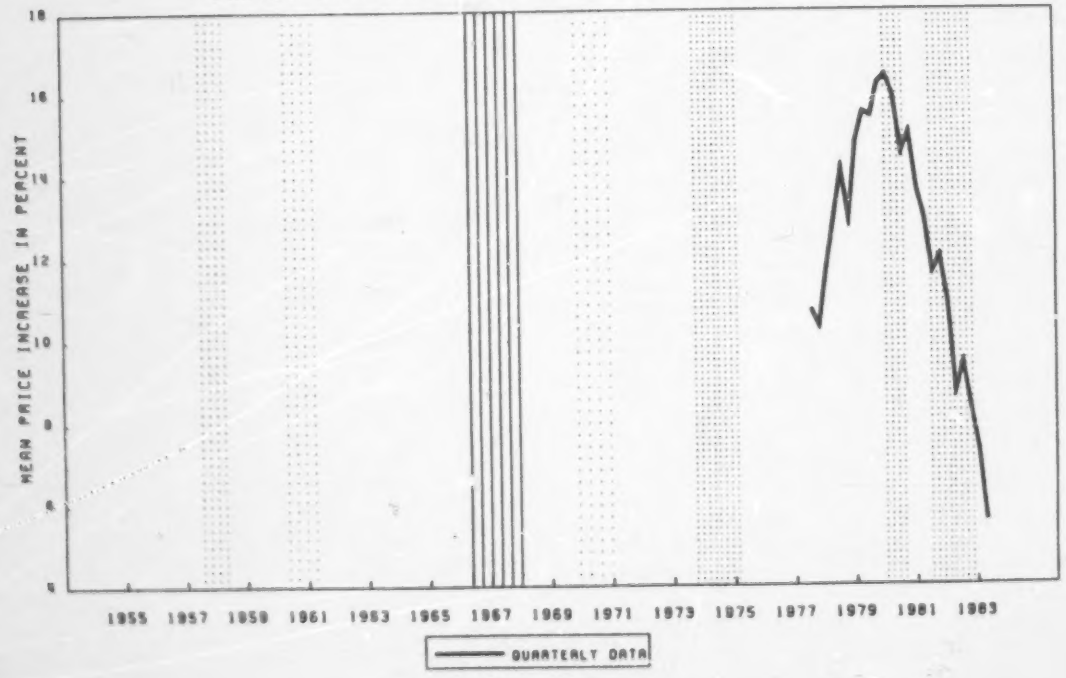


TABLE 22

CHANGE IN PRICES DURING THE LAST 12 MONTHS

	Apr-June 1980	Jul-Sept 1980	Oct-Dec. 1980	Jan-Mar. 1981	Apr-June 1981	Jul-Sept 1981	Oct-Dec. 1981	Jan-Mar. 1982	Apr-June 1982	Jul-Sept 1982	Oct-Dec. 1982	Jan-Mar. 1983	Apr-June 1983
A. ALL FAMILIES													
SAME OR DOWN	5%	4%	2%	3%	6%	10%	8%	13%	17%	13%	20%	26%	30%
GONE UP BY:													
1-2%	1	2	2	2	4	4	3	4	5	6	5	6	8
3-4%	3	5	4	4	7	6	7	6	9	9	8	10	12
5%	5	7	9	7	8	10	10	12	12	12	15	15	15
6-9%	8	11	11	9	11	13	14	14	14	14	12	9	9
10-14%	25	22	25	31	28	25	27	24	20	22	18	15	12
15% or more	38	31	31	26	27	24	23	21	17	17	15	13	9
DK how much up	14	17	15	17	9	8	7	6	6	6	6	5	4
DK,NA	1	1	1	1	*	*	1	*	*	1	1	1	1
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
MEAN INCREASE	15.9	14.5	15.0	13.6	12.9	11.6	12.0	10.9	8.7	9.4	8.3	7.3	5.6
VARIANCE	165	160	163	123	130	123	131	124	91	99	97	97	63
B. FAMILIES WITH INCOMES OF $20,000 AND OVER													
SAME OR DOWN	3%	5%	2%	2%	4%	10%	9%	15%	19%	16%	23%	29%	33%
GONE UP BY:													
1-2%	2	1	2	2	4	3	4	5	5	6	6	6	9
3-4%	3	5	3	3	5	5	7	5	9	9	9	11	13
5%	5	5	5	6	9	11	10	12	13	13	15	16	15
6-9%	8	12	11	11	11	13	14	16	15	17	13	11	10
10-14%	30	28	33	37	36	31	29	26	21	22	17	12	11
15% or more	41	35	34	31	26	24	21	19	15	14	13	11	7
DK how much up	8	9	9	8	5	3	5	2	3	3	4	3	2
DK,NA	*	*	1	*	*	*	1	*	*	*	*	1	*
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
MEAN INCREASE	15.4	14.5	14.8	14.0	12.2	11.6	11.0	9.8	8.0	8.3	7.5	6.1	4.7
VARIANCE	128	134	130	100	90	106	106	99	77	80	82	76	41

The questions were: "During the last 12 months, have prices of the things you buy remained unchanged, or have they gone up, or have they gone down?" and "By about what percent do you think prices have gone up,on the average, during the last 12 months?"

* : Less than half of one percent.

CHART 23 - RECENT CHANGES

MEAN EXPECTED PRICE INCREASES DURING NEXT 12 MONTHS

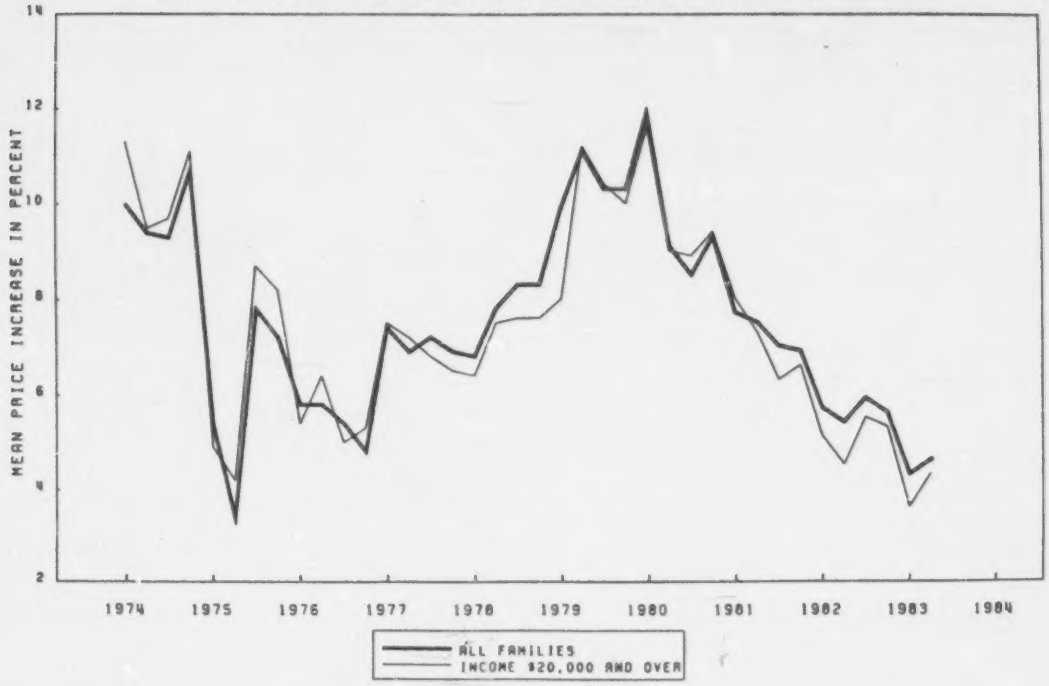


CHART 23 - HISTORICAL SERIES

MEAN EXPECTED PRICE INCREASE OVER THE NEXT 12 MONTHS

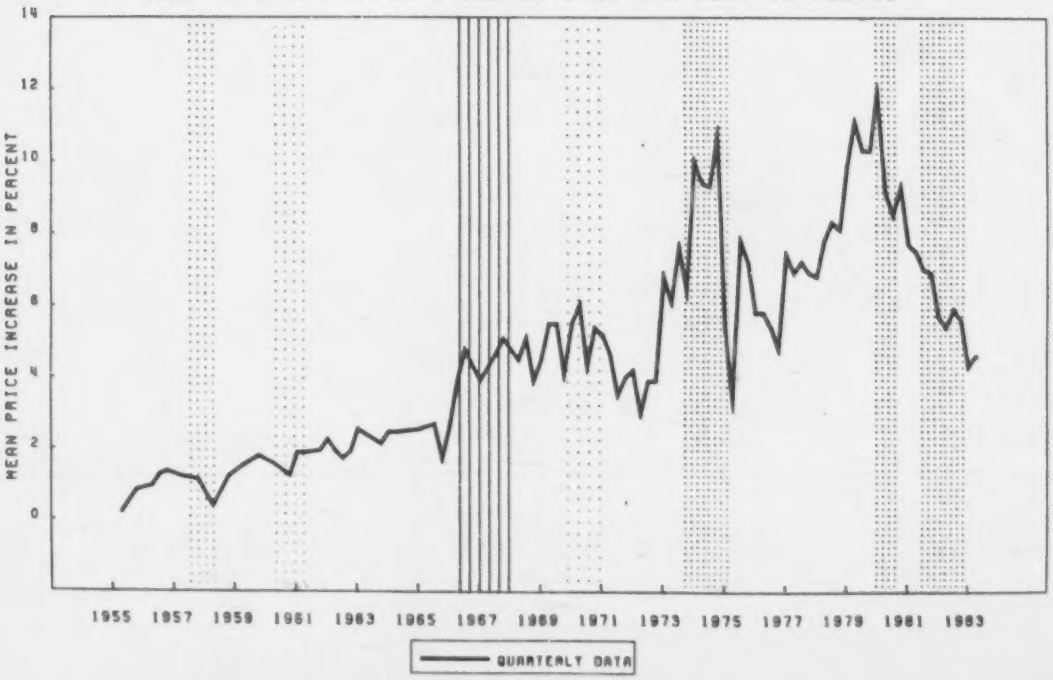


TABLE 23

EXPECTED CHANGE IN PRICES DURING THE NEXT 12 MONTHS

	Apr-June 1980	Jul-Sept 1980	Oct-Dec. 1980	Jan-Mar. 1981	Apr-June 1981	Jul-Sept 1981	Oct-Dec. 1981	Jan-Mar. 1982	Apr-June 1982	Jul-Sept 1982	Oct-Dec. 1982	Jan-Mar. 1983	Apr-June 1983
A. ALL FAMILIES													
SAME OR DOWN	26%	19%	21%	21%	28%	30%	29%	35%	33%	26%	32%	38%	32%
WILL GO UP BY:													
1-2%	2	5	3	3	4	4	4	5	6	8	5	9	9
3-4%	4	6	5	8	7	7	7	8	9	10	10	12	14
5%	8	10	9	9	9	11	12	12	15	16	15	15	17
6-9%	9	11	11	12	11	13	13	12	10	13	10	7	10
10-14%	20	22	23	24	21	17	18	13	13	13	13	8	9
15% or more	19	13	16	10	12	11	10	9	8	8	9	6	5
DK how much up	10	12	10	11	6	6	5	4	3	4	4	3	3
DK,NA	2	2	2	2	2	1	2	2	3	2	2	2	1
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
MEAN INCREASE	9.1	8.5	9.3	7.7	7.5	7.0	6.9	5.7	5.4	5.9	5.6	4.3	4.6
VARIANCE	102	78	103	62	79	77	72	68	61	59	64	53	49
B. FAMILIES WITH INCOMES OF $20,000 AND OVER													
SAME OR DOWN	23%	16%	16%	16%	25%	30%	30%	34%	37%	25%	32%	39%	29%
WILL GO UP BY:													
1-2%	2	4	2	3	4	5	4	5	6	8	5	10	9
3-4%	5	8	5	7	6	7	7	9	8	11	10	13	15
5%	9	11	9	12	9	12	12	14	17	17	16	18	19
6-9%	11	13	14	15	16	15	14	14	12	16	12	7	12
10-14%	24	27	28	30	24	19	20	15	13	12	14	6	9
15% or more	20	15	16	9	11	10	9	7	5	7	7	4	4
DK how much up	5	5	9	7	4	2	4	1	1	3	3	2	2
DK,NA	1	1	1	1	1	*	*	1	1	1	1	1	1
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
MEAN INCREASE	9.0	8.9	9.4	8.0	7.3	6.3	6.6	5.1	4.5	5.5	5.3	3.6	4.3
VARIANCE	75	78	77	50	56	53	66	41	40	46	51	36	33

The questions were: "During the next 12 months, do you think that prices in general will go up, or go down, or stay where they are now?" and "By about what percent do you expect prices to go up, on the average, during the next 12 months?"

* : Less than half of one percent.

CHART 24 - RECENT CHANGES
UNEMPLOYMENT OR INFLATION MORE SERIOUS

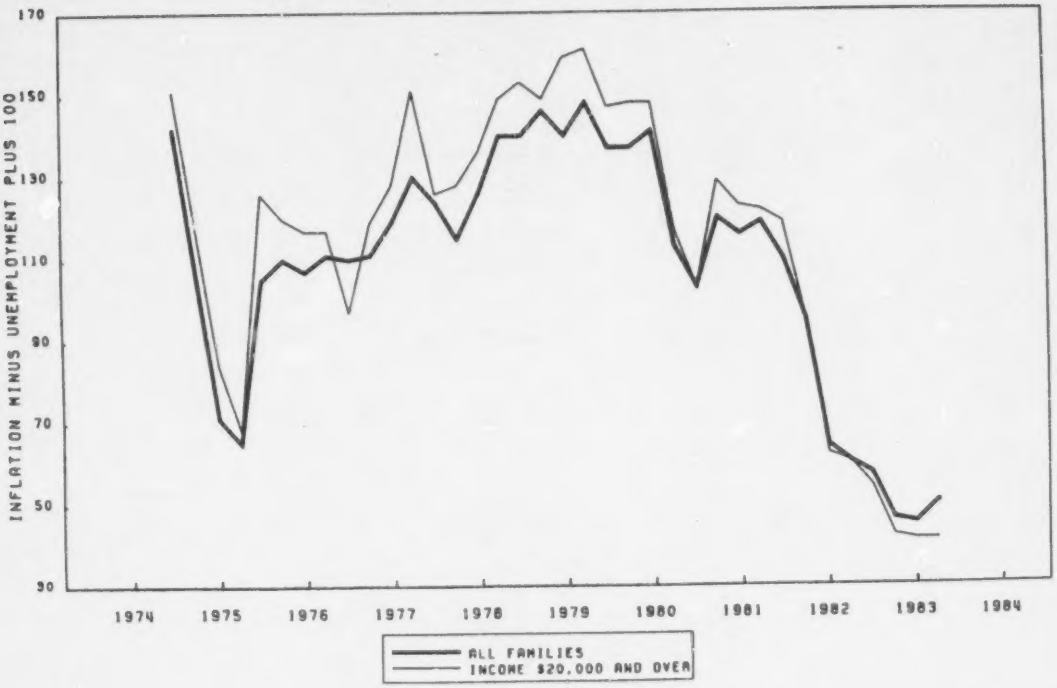


CHART 24 - HISTORICAL SERIES
UNEMPLOYMENT OR INFLATION MORE SERIOUS

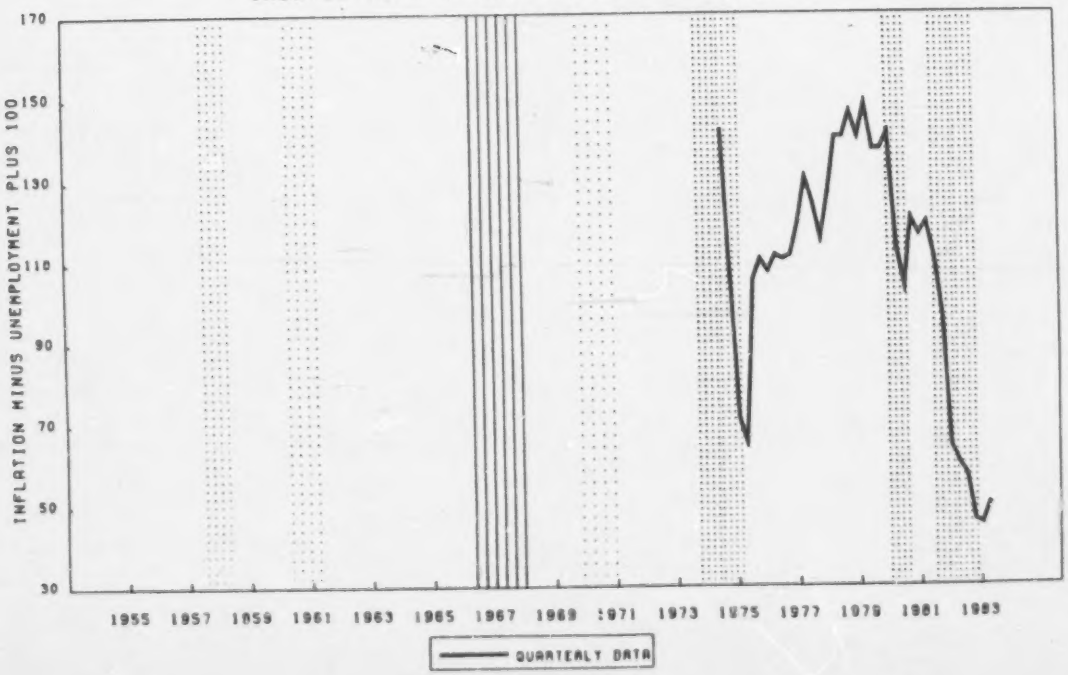


TABLE 24

UNEMPLOYMENT OR INFLATION MORE SERIOUS ECONOMIC HARDSHIP

	Apr-June 1980	Jul-Sept 1980	Oct-Dec. 1980	Jan-Mar. 1981	Apr-June 1981	Jul-Sept 1981	Oct-Dec. 1981	Jan-Mar. 1982	Apr-June 1982	Jul-Sept 1982	Oct-Dec. 1982	Jan-Mar. 1983	Apr-June 1983
A. ALL FAMILIES													
UNEMPLOYMENT	36%	42%	34%	36%	34%	39%	45%	61%	64%	66%	72%	73%	71%
BOTH EQUALLY SERIOUS	14	10	11	11	10	10	12	12	11	10	9	7	7
INFLATION	49	45	54	51	54	50	41	26	24	23	18	18	21
DK,NA	1	3	1	2	2	1	2	1	1	1	1	2	1
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
B. FAMILIES WITH INCOMES OF $20,000 AND OVER													
UNEMPLOYMENT	35%	43%	33%	33%	35%	35%	47%	64%	65%	69%	76%	76%	77%
BOTH EQUALLY SERIOUS	11	11	6	9	8	9	9	10	9	8	5	6	4
INFLATION	53	45	61	57	57	55	43	26	25	23	18	18	18
DK,NA	1	1	*	1	*	1	1	*	1	*	1	*	1
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

The question was: "Which of the two problems--unemployment or inflation--do you think will cause the more serious economic hardship for people during the next year or so?"

* : Less than half of one percent.

CHART 25

OPINIONS ABOUT THE GOVERNMENT'S ECONOMIC POLICY

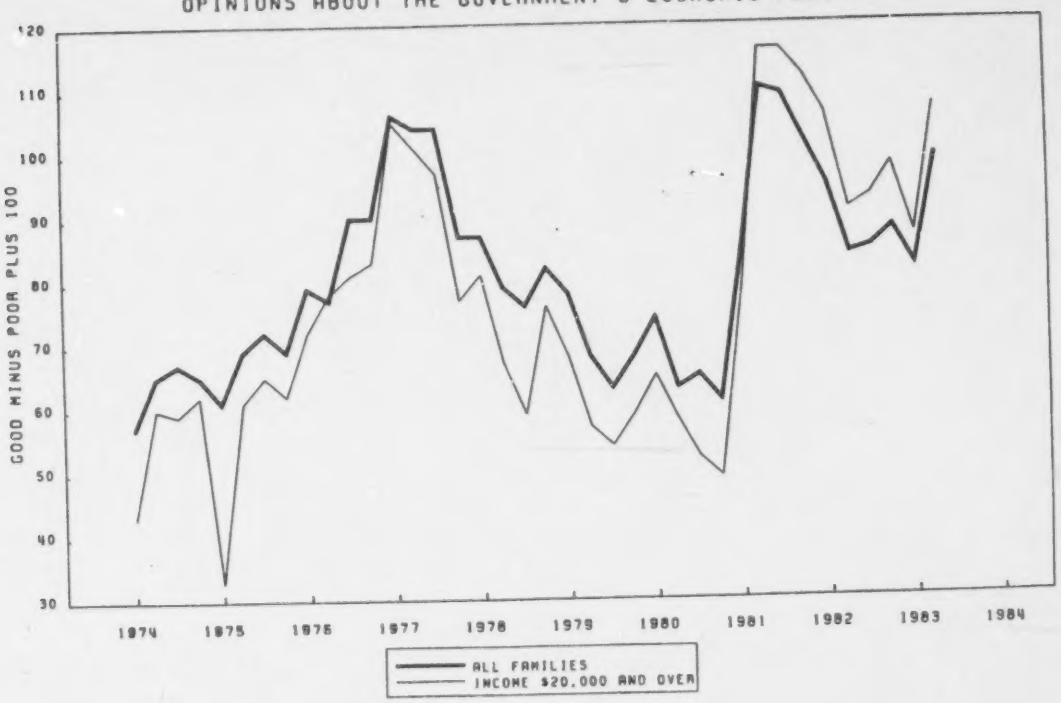


CHART 25 - HISTORICAL SERIES

OPINIONS ABOUT THE GOVERNMENT'S ECONOMIC POLICY

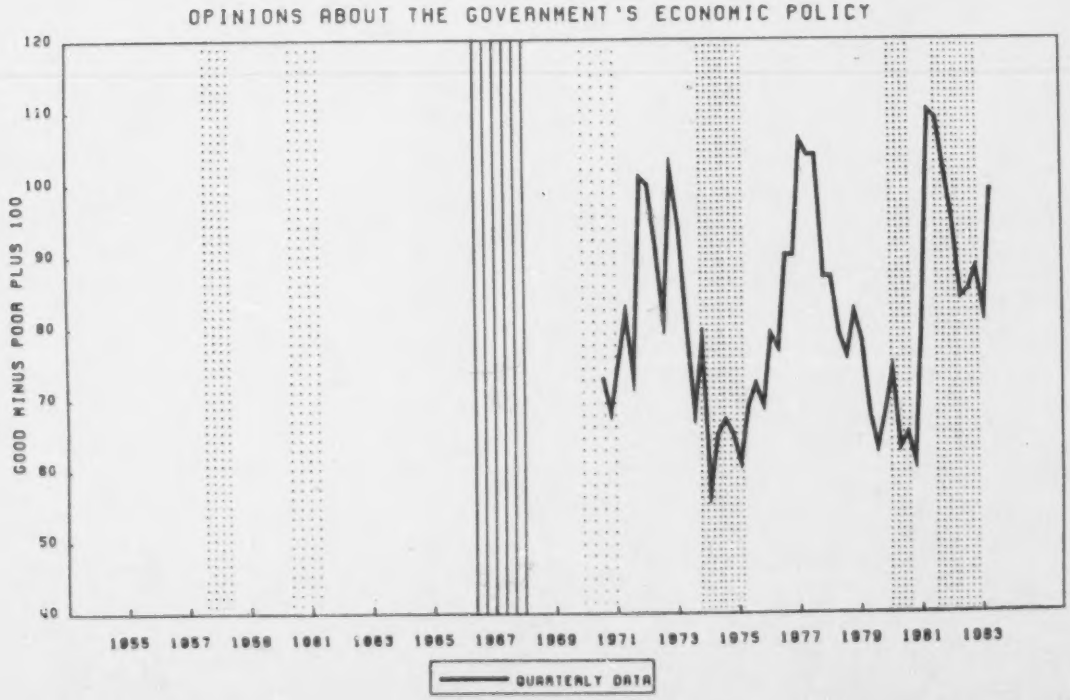


TABLE 25

OPINIONS ABOUT THE GOVERNMENT'S ECONOMIC POLICY

	Apr-June 1980	Jul-Sept 1980	Oct-Dec. 1980	Jan-Mar. 1981	Apr-June 1981	Jul-Sept 1981	Oct-Dec. 1981	Jan-Mar. 1982	Apr-June 1982	Jul-Sept 1982	Oct-Dec. 1982	Jan-Mar. 1983	Apr-June 1983
A. ALL FAMILIES													
A GOOD JOB	7%	9%	7%	17%	28%	30%	26%	23%	19%	18%	20%	18%	21%
ONLY FAIR	45	44	44	42	50	45	46	45	43	46	44	44	54
A POOR JOB	44	44	46	33	18	21	25	29	35	33	32	36	23
DK,NA	4	3	3	8	4	4	3	3	3	3	4	2	2
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
B. FAMILIES WITH INCOMES OF $20,000 AND OVER													
A GOOD JOB	6%	5%	4%	17%	33%	33%	32%	30%	22%	22%	25%	19%	25%
ONLY FAIR	44	40	41	38	48	47	47	44	45	47	45	47	55
A POOR JOB	49	53	54	39	17	17	19	24	31	29	26	32	19
DK,NA	1	2	1	6	2	3	2	2	2	2	4	2	1
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

The question was: "As to the economic policy of the government--I mean steps taken to fight inflation or unemployment--would you say the government is doing a good job, only fair, or a poor job?"

CHART 26 - RECENT CHANGES

BUYING CONDITIONS FOR LARGE HOUSEHOLD GOODS

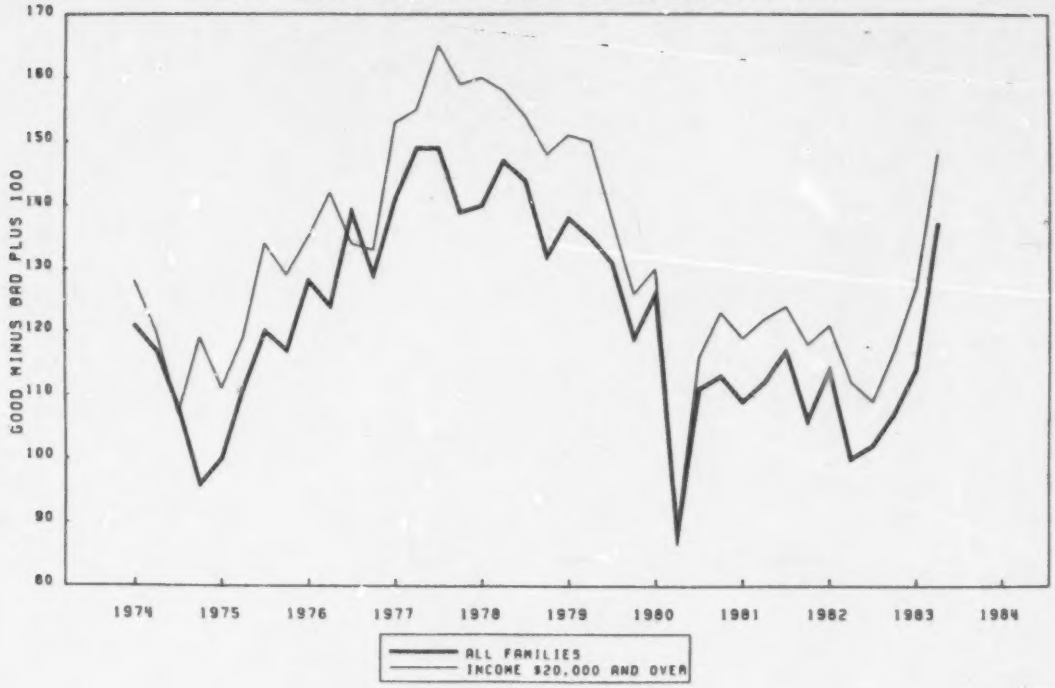


CHART 26 - HISTORICAL SERIES

BUYING CONDITIONS FOR LARGE HOUSEHOLD GOODS

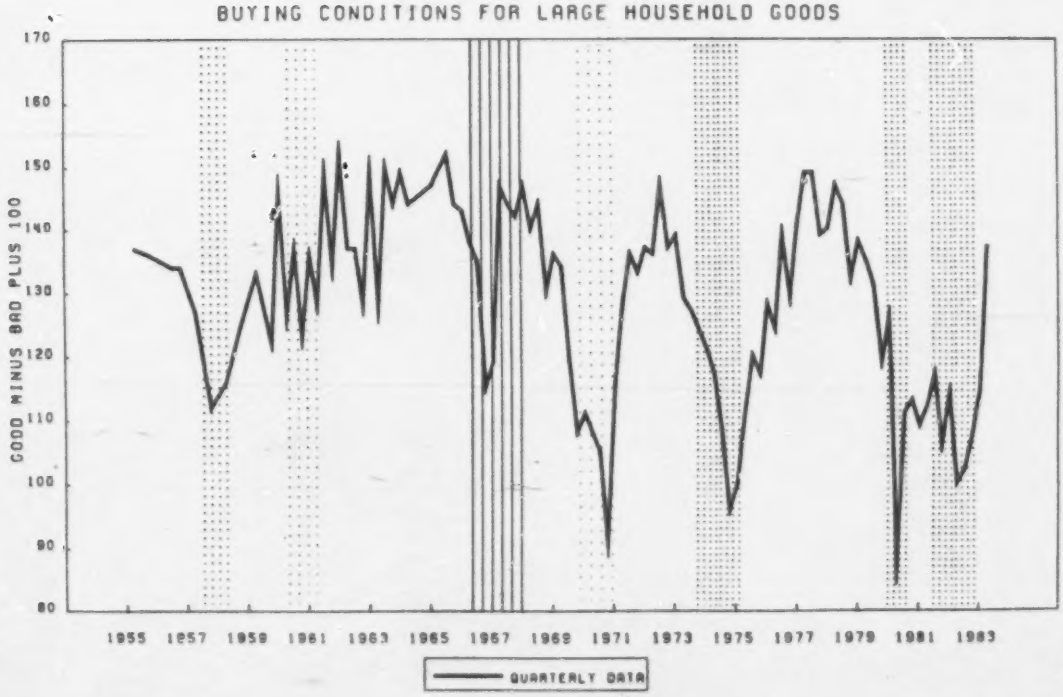


TABLE 26

BUYING CONDITIONS FOR LARGE HOUSEHOLD GOODS

	Apr-June 1980	Jul-Sept 1980	Oct-Dec. 1980	Jan-Mar. 1981	Apr-June 1981	Jul-Sept 1981	Oct-Dec. 1981	Jan-Mar. 1982	Apr-June 1982	Jul-Sept 1982	Oct-Dec. 1982	Jan-Mar. 1983	Apr-June 1983
A. ALL FAMILIES													
GOOD TIME TO BUY	39%	48%	50%	47%	49%	51%	46%	51%	43%	44%	48%	53%	64%
UNCERTAIN, DEPENDS	10	16	13	15	14	15	13	12	14	14	12	9	8
BAD TIME TO BUY	51	36	37	38	37	34	41	37	43	42	40	38	28
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
B. FAMILIES WITH INCOMES OF $20,000 AND OVER													
GOOD TIME TO BUY	40%	51%	54%	52%	53%	55%	53%	54%	48%	47%	52%	59%	70%
UNCERTAIN, DEPENDS	9	14	14	15	15	14	11	13	15	15	13	9	8
BAD TIME TO BUY	51	35	32	33	32	31	36	33	37	38	35	32	22
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

The question was: "About the big things people buy for their homes--such as furniture, a refrigerator, stove, television, and things like that. Generally speaking, do you think now is a good or a bad time for people to buy major household items?"

CHART 27A - HISTORICAL SERIES

REASONS FOR OPINIONS ABOUT BUYING CONDITIONS FOR DURABLES

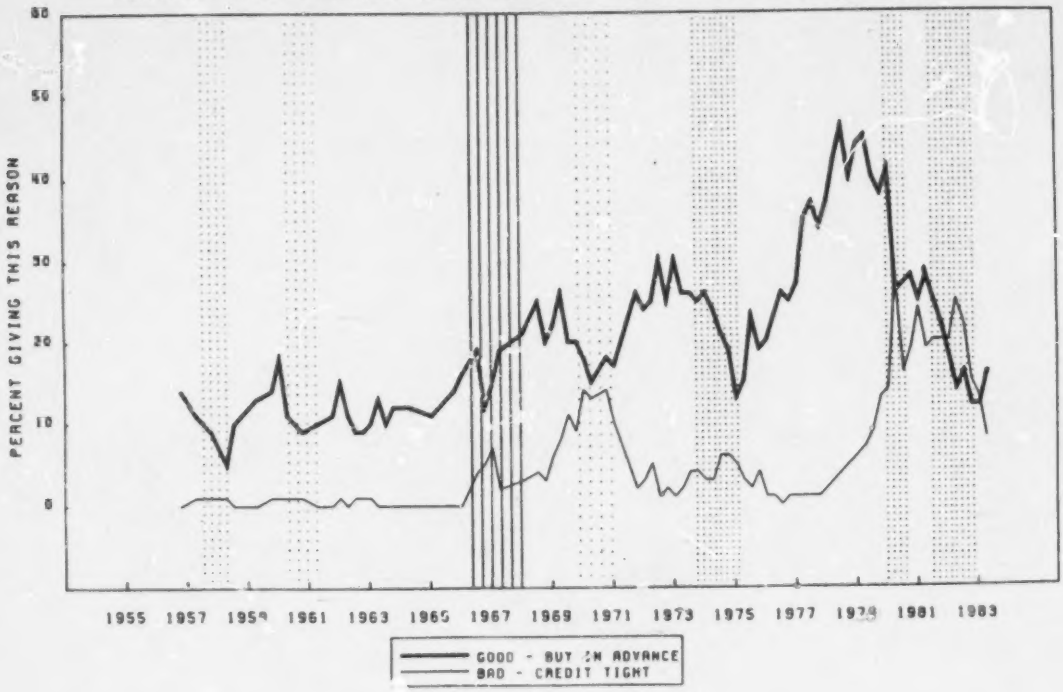


CHART 27B - HISTORICAL SERIES

REASONS FOR OPINIONS ABOUT BUYING CONDITIONS FOR DURABLES

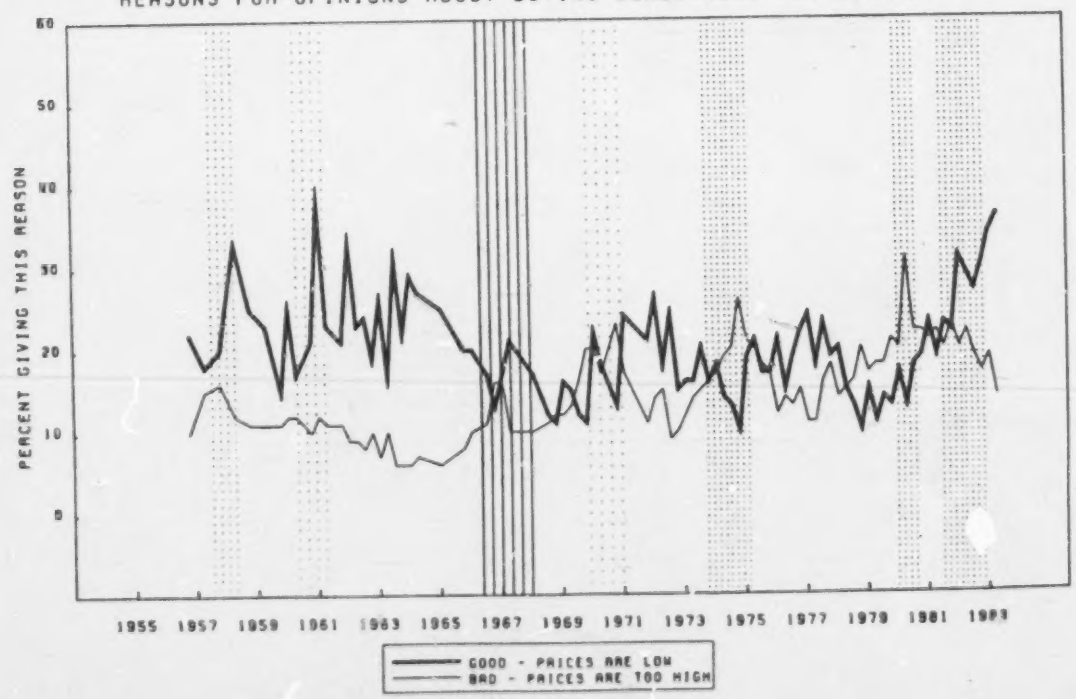


TABLE 27

SELECTED REASONS FOR OPINIONS ABOUT BUYING CONDITIONS FOR LARGE HOUSEHOLD GOODS +

	Apr-June 1980	Jul-Sept 1980	Oct-Dec. 1980	Jan-Mar. 1981	Apr-June 1981	Jul-Sept 1981	Oct-Dec. 1981	Jan-Mar. 1982	Apr-June 1982	Jul-Sept 1982	Oct-Dec. 1982	Jan-Mar. 1983	Apr-June 1983
A. ALL FAMILIES													
GOOD TIME TO BUY:													
Prices are low; good buys available	13%	18%	19%	23%	19%	23%	22%	31%	29%	27%	30%	34%	36%
Prices won't come down; are going higher	26	27	28	25	28	25	22	18	14	16	12	12	16
Interest rates low; credit is easy	3	4	3	2	2	2	2	2	2	3	6	9	14
BAD TIME TO BUY:													
Prices are high	31	22	22	21	22	20	23	20	22	19	17	19	14
Interest rates are high; credit is tight	28	16	19	24	19	20	20	20	25	22	15	13	8
Lack of purchasing power	15	15	11	13	11	8	13	15	20	20	22	19	14
B. FAMILIES WITH INCOMES OF $20,000 AND OVER													
GOOD TIME TO BUY:													
Prices are low; good buys available	15%	20%	23%	25%	23%	26%	27%	36%	33%	34%	35%	39%	39%
Prices won't come down; are going higher	26	30	30	31	30	27	24	20	16	17	12	14	19
Interest rates low; credit is easy	3	5	4	3	3	3	1	2	2	4	7	11	17
BAD TIME TO BUY:													
Prices are high	27	20	16	18	16	18	19	16	18	16	13	12	11
Interest rates are high; credit is tight	33	16	24	27	23	24	21	24	26	27	17	14	7
Lack of purchasing power	15	15	8	10	8	9	11	14	16	17	20	18	11

Responses to the query: "Why do you say so?" following the question on Table 26.

+ : May add to more than 100% due to multiple mentions.

CHART 28 - RECENT CHANGES
BUYING CONDITIONS FOR HOUSES

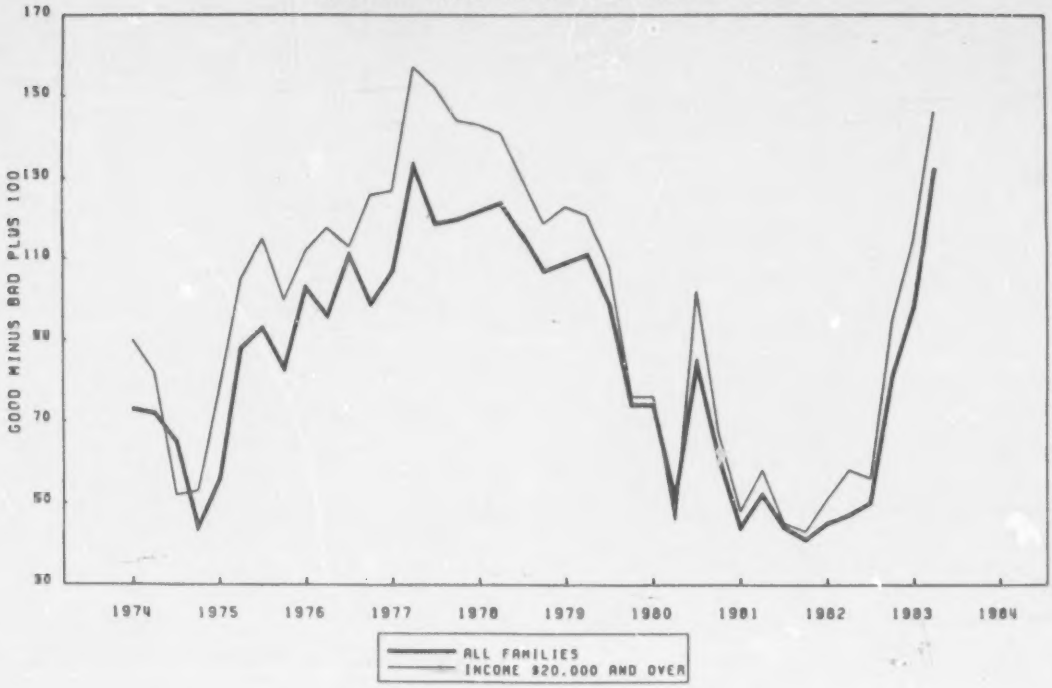


CHART 28 - HISTORICAL SERIES
BUYING CONDITIONS FOR HOUSES

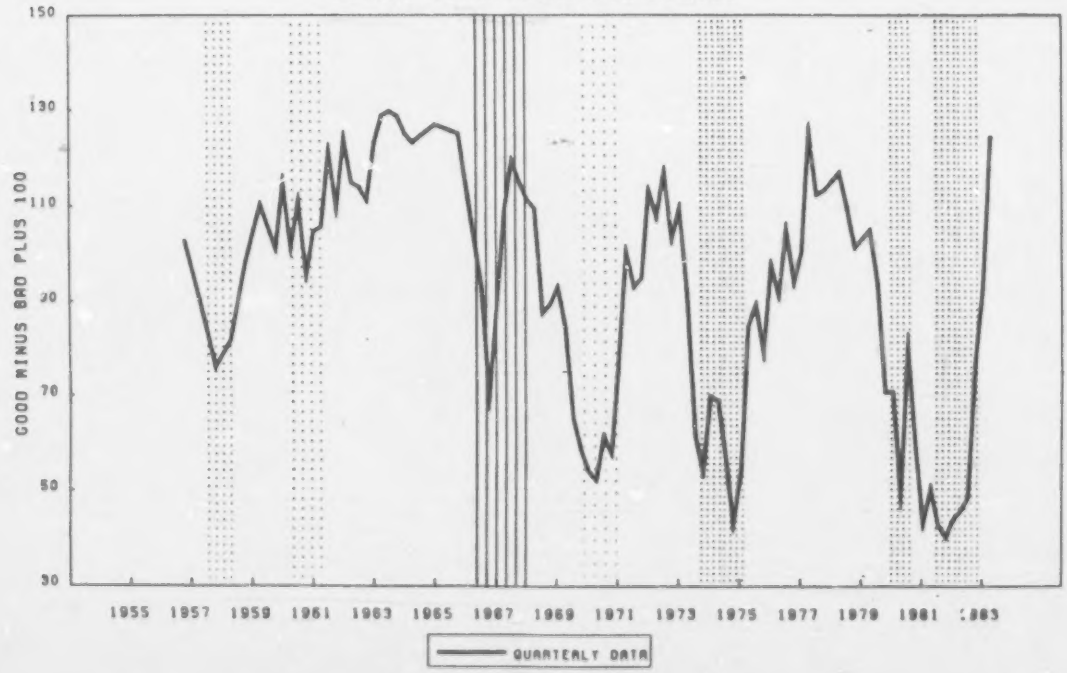


TABLE 28

BUYING CONDITIONS FOR HOUSES

	Apr-June 1980	Jul-Sept 1980	Oct-Dec. 1980	Jan-Mar. 1981	Apr-June 1981	Jul-Sept 1981	Oct-Dec. 1981	Jan-Mar. 1982	Apr-June 1982	Jul-Sept 1982	Oct-Dec. 1982	Jan-Mar. 1983	Apr-June 1983
A. ALL FAMILIES													
GOOD TIME TO BUY	22%	39%	28%	20%	23%	19%	18%	20%	20%	21%	38%	48%	64%
UNCERTAIN, DEPENDS	7	6	5	4	6	7	6	6	7	8	5	2	4
BAD TIME TO BUY	71	55	67	76	71	74	76	74	73	71	57	50	32
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
B. FAMILIES WITH INCOMES OF $20,000 AND OVER													
GOOD TIME TO BUY	20%	48%	30%	21%	27%	19%	18%	23%	25%	24%	45%	56%	72%
UNCERTAIN, DEPENDS	6	6	6	5	4	6	7	6	7	7	5	2	2
BAD TIME TO BUY	74	46	64	74	69	75	75	71	68	69	50	42	26
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

The question was: "Generally speaking, do you think now is a good time or a bad time to buy a house?"

CHART 29A - HISTORICAL SERIES

REASONS FOR OPINIONS ABOUT BUYING CONDITIONS FOR HOUSES

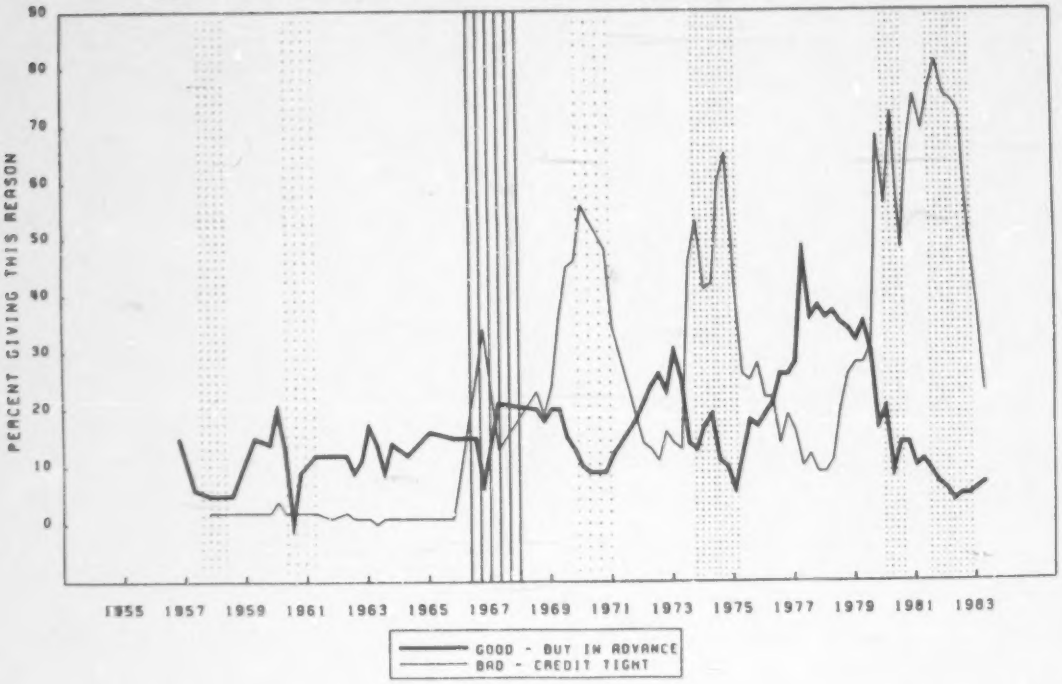


CHART 29B - HISTORICAL SERIES

REASONS FOR OPINIONS ABOUT BUYING CONDITIONS FOR HOUSES

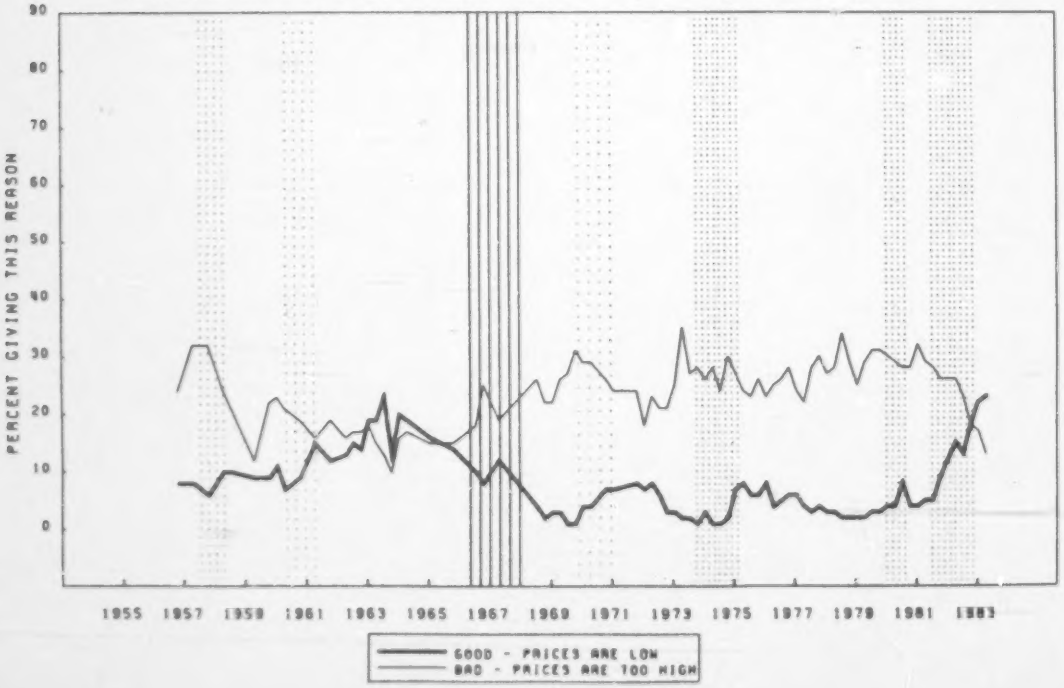


TABLE 29

SELECTED REASONS FOR OPINIONS ABOUT BUYING CONDITIONS FOR HOUSES +

	Apr-June 1980	Jul-Sept 1980	Oct-Dec. 1980	Jan-Mar. 1981	Apr-June 1981	Jul-Sept 1981	Oct-Dec. 1981	Jan-Mar. 1982	Apr-June 1982	Jul-Sept 1982	Oct-Dec. 1982	Jan-Mar. 1983	Apr-June 1983
A. ALL FAMILIES													
GOOD TIME TO BUY:													
Prices are low; good buys available	4%	8%	4%	4%	5%	5%	9%	12%	15%	13%	18%	22%	23%
Prices won't come down; are going higher	9	14	14	10	11	9	7	6	4	5	5	6	7
Interest rates low; credit is easy	8	24	11	5	7	7	5	6	6	10	29	40	57
Good investment	7	8	7	8	7	5	4	5	5	3	4	4	5
BAD TIME TO BUY:													
Prices are high	29	28	28	32	29	28	26	26	26	23	18	17	13
Interest rates are high; credit is tight	72	48	66	75	69	76	81	75	74	72	50	38	23
Lack of purchasing power	9	13	12	12	12	13	16	21	21	23	23	22	14
B. FAMILIES WITH INCOMES OF $20,000 AND OVER													
GOOD TIME TO BUY:													
Prices are low; good buys available	7%	13%	7%	7%	6%	6%	10%	17%	21%	19%	24%	27%	28%
Prices won't come down; are going higher	8	16	13	11	14	11	7	6	6	4	5	7	8
Interest rates low; credit is easy	9	32	13	7	8	8	5	8	8	13	36	50	66
Good investment	7	10	9	8	8	6	5	4	5	3	5	5	5
BAD TIME TO BUY:													
Prices are high	28	25	24	30	26	24	22	23	23	18	16	13	9
Interest rates are high; credit is tight	80	45	74	82	74	86	85	80	73	77	48	37	21
Lack of purchasing power	8	9	8	9	8	10	14	15	17	18	16	16	9

Responses to the query: "Why do you say so?" following the question on Table 28.

+ : May add to more than 100% due to multiple mentions.

CHART 30 - RECENT CHANGES
BUYING CONDITIONS FOR CARS

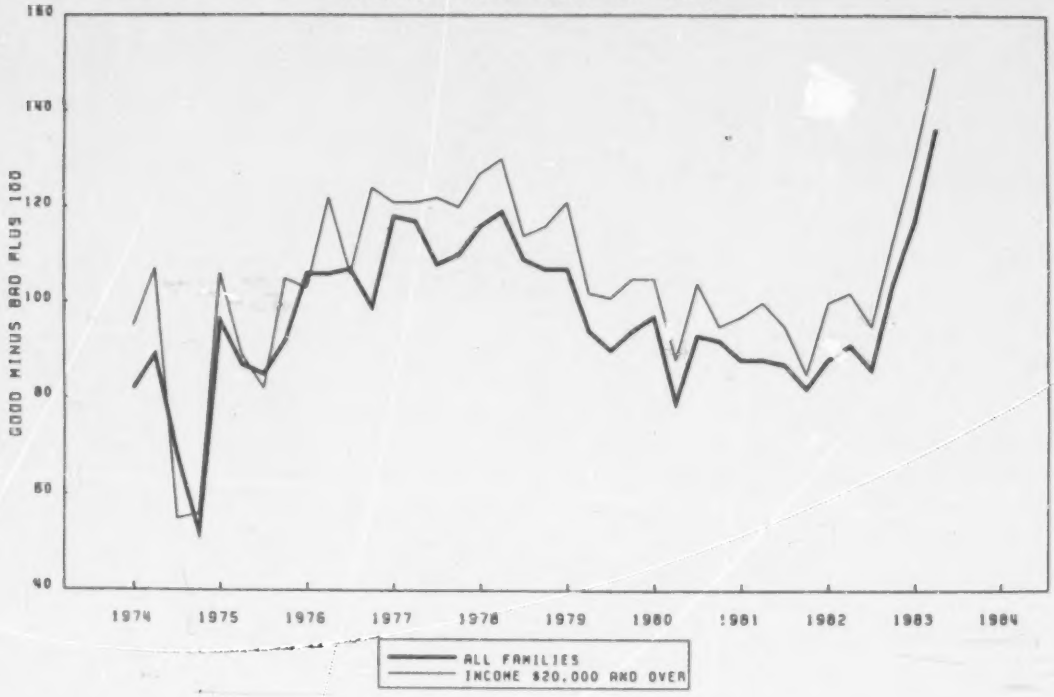


CHART 30 - HISTORICAL SERIES
BUYING CONDITIONS FOR CARS

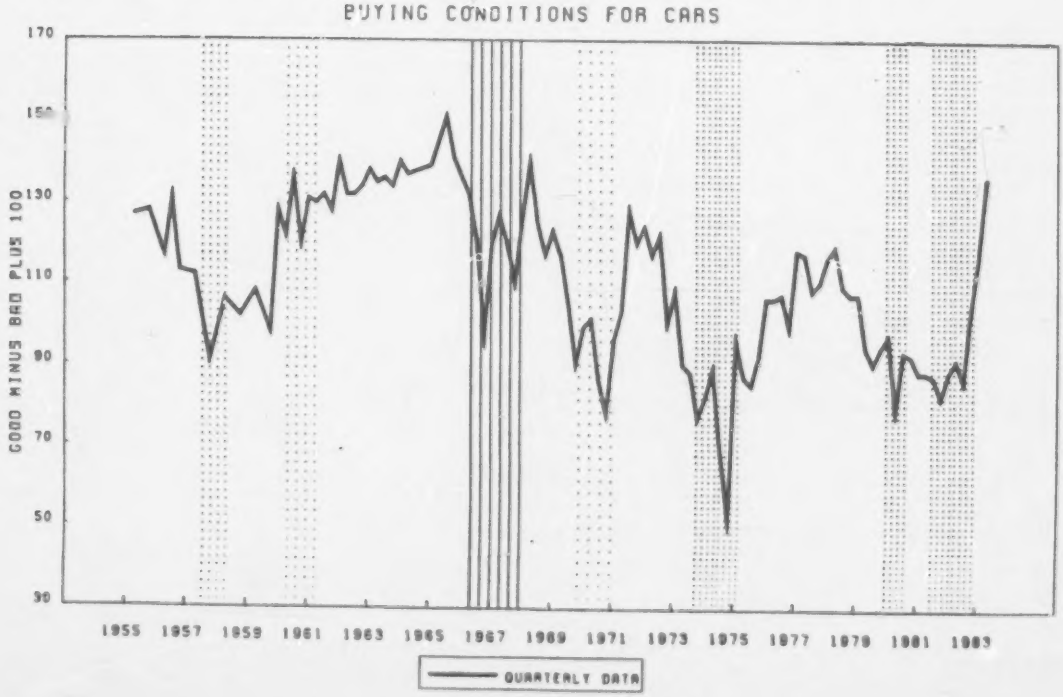


TABLE 30

BUYING CONDITIONS FOR CARS

	Apr-June 1980	Jul-Sept 1980	Oct-Dec. 1980	Jan-Mar. 1981	Apr-June 1981	Jul-Sept 1981	Oct-Dec. 1981	Jan-Mar. 1982	Apr-June 1982	Jul-Sept 1982	Oct-Dec. 1982	Jan-Mar. 1983	Apr-June 1983
A. ALL FAMILIES													
GOOD TIME TO BUY	34%	40%	40%	38%	39%	39%	36%	39%	41%	37%	47%	55%	65%
UNCERTAIN; DEPENDS	11	13	13	12	9	9	10	10	9	11	9	7	6
BAD TIME TO BUY	55	47	47	50	52	52	54	51	50	52	44	38	29
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
B. FAMILIES WITH INCOMES OF $20,000 AND OVER													
GOOD TIME TO BUY	39%	45%	42%	43%	47%	44%	39%	46%	48%	43%	53%	61%	72%
UNCERTAIN; DEPENDS	10	13	11	10	6	7	7	8	6	9	8	8	5
BAD TIME TO BUY	51	42	47	47	47	49	54	46	46	48	39	31	23
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

The question was: "Speaking now of the automobile market--do you think the next 12 months or so will be a good time or a bad time to buy a car?"

CHART 31A - HISTORICAL SERIES

REASONS FOR OPINIONS ABOUT BUYING CONDITIONS FOR CARS

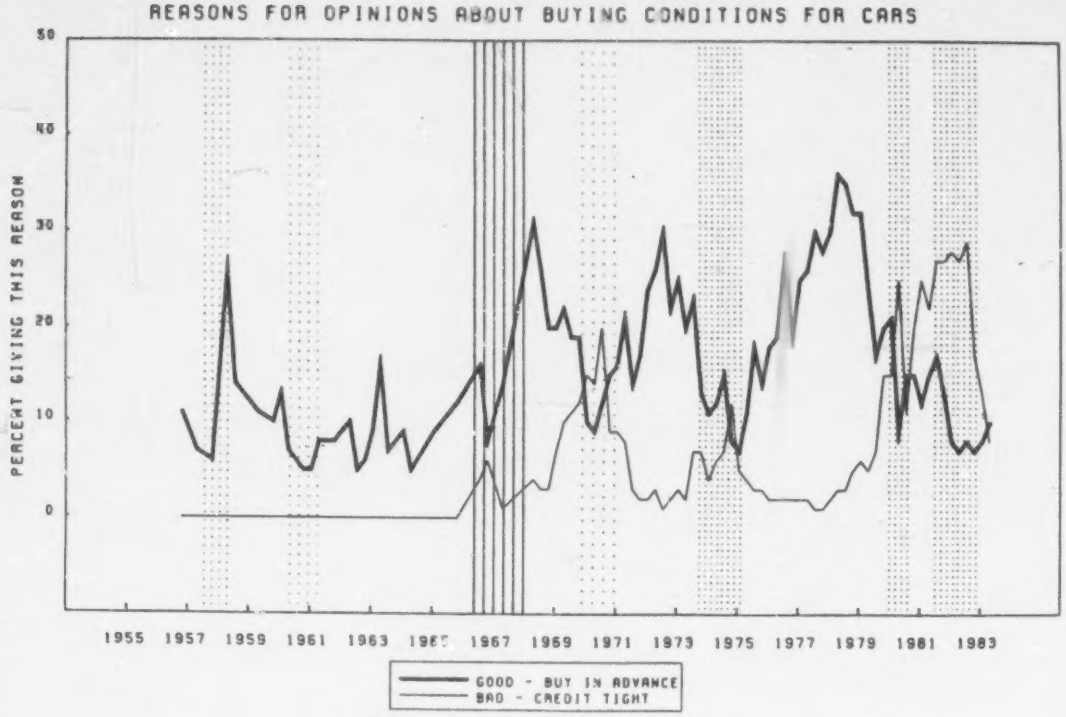


CHART 31B - HISTORICAL SERIES

REASONS FOR OPINIONS ABOUT BUYING CONDITIONS FOR CARS

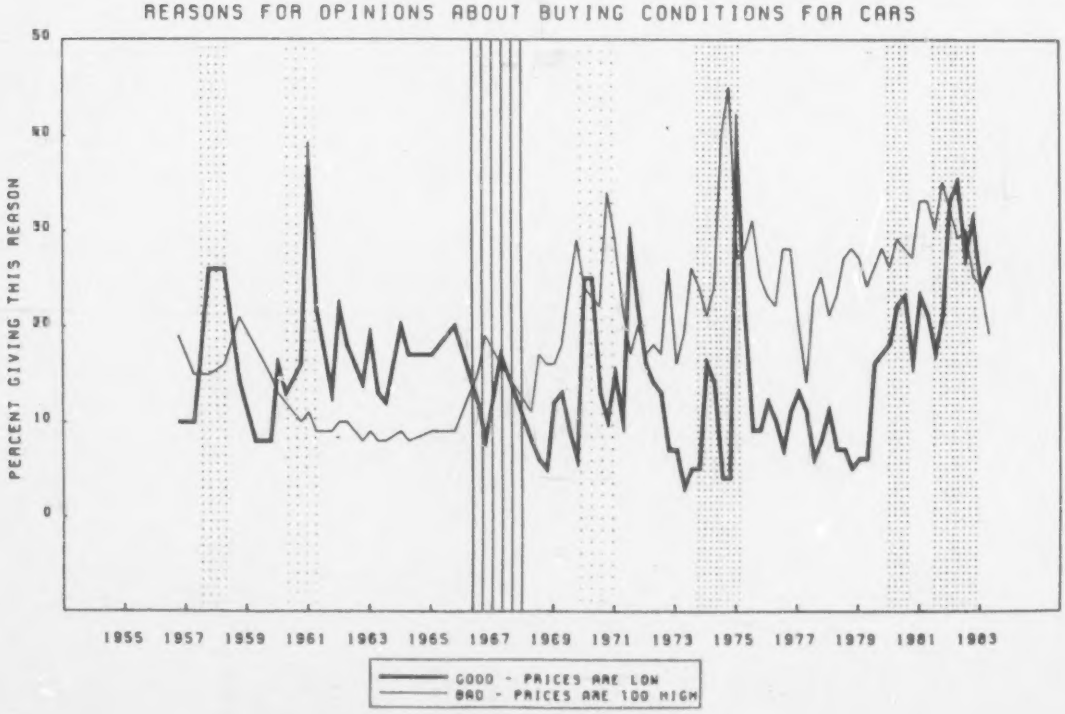


TABLE 31

SELECTED REASONS FOR OPINIONS ABOUT BUYING CONDITIONS FOR CARS +

	Apr-June 1980	Jul-Sept 1980	Oct-Dec. 1980	Jan-Mar. 1981	Apr-June 1981	Jul-Sept 1981	Oct-Dec. 1981	Jan-Mar. 1982	Apr-June 1982	Jul-Sept 1982	Oct-Dec. 1982	Jan-Mar. 1983	Apr-June 1983
A. ALL FAMILIES													
GOOD TIME TO BUY:													
Prices are low; good buys available	22%	23%	16%	23%	21%	17%	21%	33%	35%	27%	31%	24%	26%
Prices won't come down; are going higher	9	15	15	12	15	17	13	8	7	8	7	8	10
Interest rates low; credit is easy	3	4	3	3	3	5	5	4	8	7	19	33	40
New fuel efficient models	8	6	8	5	5	4	1	2	1	1	1	2	1
BAD TIME TO BUY:													
Prices are high	29	28	27	33	33	30	35	32	29	30	25	24	19
Interest rates are high; credit is tight	25	11	20	25	22	27	27	28	27	29	17	13	8
Lack of purchasing power	6	8	8	8	7	6	9	14	12	13	14	11	7
Price of gas; shortages	13	5	4	6	3	3	2	2	1	1	1	*	1
Poor selection; quality	8	12	12	9	9	9	9	8	8	8	7	5	5
B. FAMILIES WITH INCOMES OF $20,000 AND OVER													
GOOD TIME TO BUY:													
Prices are low; good buys available	30%	28%	18%	32%	28%	20%	24%	42%	41%	35%	34%	30%	30%
Prices won't come down; are going higher	9	17	17	14	18	18	14	10	6	9	6	8	11
Interest rates low; credit is easy	2	6	4	4	4	7	7	5	11	10	25	39	46
New fuel efficient models	8	7	7	5	5	5	2	2	1	2	1	1	1
BAD TIME TO BUY:													
Prices are high	25	25	26	27	28	30	36	31	26	29	25	20	17
Interest rates are high; credit is tight	28	10	22	31	24	28	30	28	29	30	19	13	6
Lack of purchasing power	6	8	5	6	3	3	7	11	10	10	10	5	4
Price of gas; shortages	9	4	3	2	3	2	1	1	1	1	*	*	*
Poor selection; quality	10	15	17	10	11	12	11	7	8	8	7	6	4

Responses to the query: "Why do you say so?" following the question on Table 30.

+ : May add to more than 100% due to multiple mentions.

* : Less than half of one percent.

CHART 32 - RECENT CHANGES

PLANS TO PURCHASE AN AUTOMOBILE DURING THE NEXT 12 MONTHS

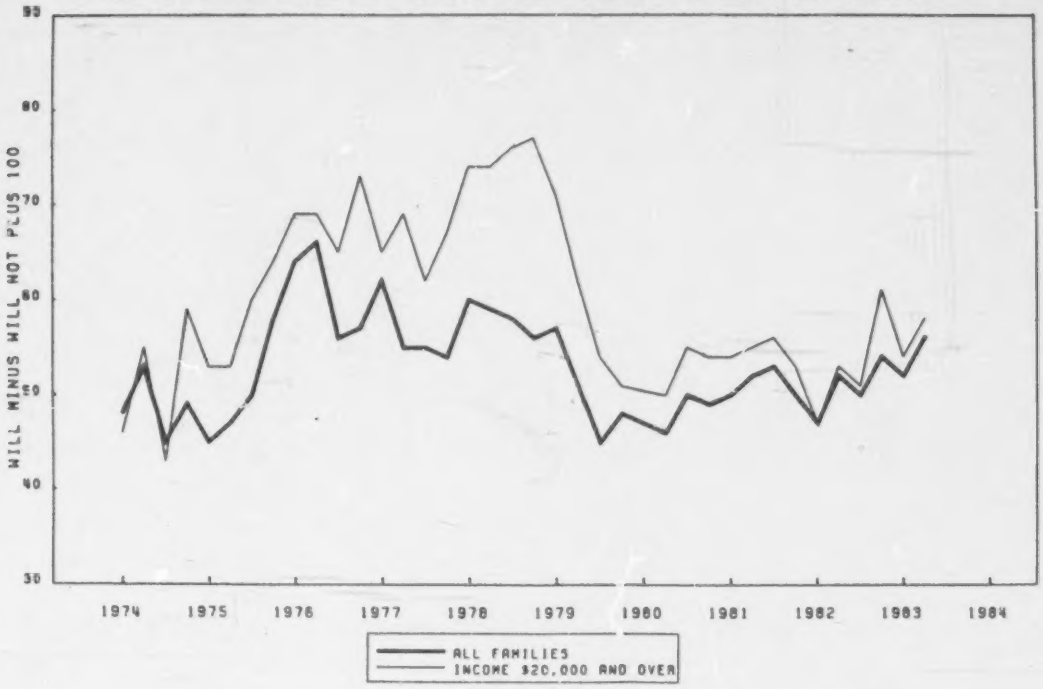


CHART 32 - HISTORICAL SERIES

PLANS TO PURCHASE AN AUTOMOBILE DURING THE NEXT 12 MONTHS

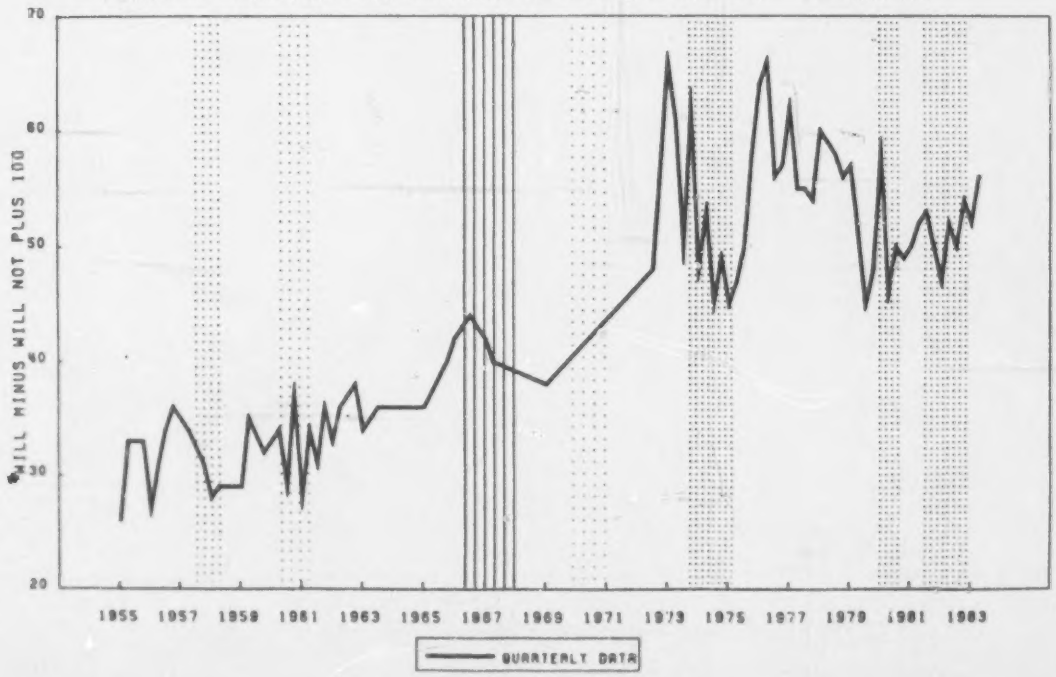


TABLE 32

PLANS TO PURCHASE AN AUTOMOBILE DURING THE NEXT 12 MONTHS

	Apr-June 1980	Jul-Sept 1980	Oct-Dec. 1980	Jan-Mar. 1981	Apr-June 1981	Jul-Sept 1981	Oct-Dec. 1981	Jan-Mar. 1982	Apr-June 1982	Jul-Sept 1982	Oct-Dec. 1982	Jan-Mar. 1983	Apr-June 1983
A. ALL FAMILIES													
PROBABLY WILL BUY	14%	16%	15%	15%	16%	17%	17%	16%	18%	16%	19%	17%	19%
CHANCES ARE EVEN	7	6	6	7	8	6	7	7	7	7	8	8	8
PROBABLY WILL NOT BUY	68	66	67	65	65	63	66	68	66	67	65	65	62
DK,NA	11	12	12	13	11	14	10	9	9	10	8	10	11
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
B. FAMILIES WITH INCOMES OF $20,000 AND OVER													
PROBABLY WILL BUY	18%	22%	23%	22%	22%	23%	22%	19%	22%	21%	25%	22%	23%
CHANCES ARE EVEN	11	8	7	9	9	8	6	7	7	7	8	8	9
PROBABLY WILL NOT BUY	69	66	68	67	67	67	69	72	69	70	64	68	65
DK,NA	2	4	2	2	2	2	3	2	2	2	3	2	3
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

The question was: "What do you think are the chances that you (or anyone else in your family living there) will buy or lease a car during the next 12 months--would you say you probably will, probably will not, or are the chances about even, or what?"

TABLE 33

CURRENT VEHICLE PURCHASE INTENTIONS

	Apr-June 1980	Jul-Sept 1980	Oct-Dec. 1980	Jan-Mar. 1981	Apr-June 1981	Jul-Sept 1981	Oct-Dec. 1981	Jan-Mar. 1982	Apr-June 1982	Jul-Sept 1982	Oct-Dec. 1982	Jan-Mar. 1983	Apr-June 1983
A. ALL FAMILIES													
PROPORTION WITH CURRENT PURCHASE INTENTIONS:	21%	22%	21%	22%	24%	23%	24%	23%	25%	23%	27%	25%	27%
PURCHASE TYPE:													
Buy new	9	9	10	10	10	10	11	10	11	11	12	12	13
Buy used	9	11	8	9	11	10	11	11	12	10	12	11	12
Lease	1	1	1	1	1	2	1	1	1	1	2	1	1
DK,NA	2	1	2	2	2	1	1	1	1	1	1	1	1
PURCHASE TIMING:													
Next 3 months	3	3	3	2	4	4	2	3	4	4	4	3	3
Next 4-6 months	6	5	3	5	7	6	6	6	6	5	6	6	8
Next 7-9 months	5	3	6	6	6	3	7	6	6	3	6	7	8
10 months or more	3	4	4	4	3	5	5	5	4	5	6	5	3
DK,NA	4	7	5	5	4	5	4	3	5	6	5	4	5
B. FAMILIES WITH INCOMES OF $20,000 AND OVER													
PROPORTION WITH CURRENT PURCHASE INTENTIONS:	29%	30%	30%	31%	31%	31%	28%	26%	29%	28%	33%	30%	32%
PURCHASE TYPE:													
Buy new	16	16	16	17	17	16	12	14	15	15	17	17	18
Buy used	9	11	11	8	11	12	13	10	11	11	13	11	12
Lease	2	1	2	3	2	2	1	1	2	1	2	1	1
DK,NA	2	2	1	3	1	1	2	1	1	1	1	1	1
PURCHASE TIMING:													
Next 3 months	4	5	4	4	4	5	4	3	3	5	4	3	4
Next 4-6 months	7	7	6	7	9	7	6	7	8	6	7	8	10
Next 7-9 months	8	6	7	8	10	6	8	7	8	5	8	7	8
10 months or more	4	4	6	6	4	7	6	5	5	6	8	7	4
DK,NA	6	8	7	6	4	6	4	4	5	6	6	5	6

If response was "PROBABLY WILL BUY" or "CHANCES ARE EVEN" in Table 32, then the questions were: "If you do buy or lease a car, would it be a new car, or a used car?" , "Would you buy or lease?" and "When do you think you might buy or lease a car?"

TABLE 34

FUTURE VEHICLE PURCHASE INTENTIONS

	Apr-June 1980	Jul-Sept 1980	Oct-Dec. 1980	Jan-Mar. 1981	Apr-June 1981	Jul-Sept 1981	Oct-Dec. 1981	Jan-Mar. 1982	Apr-June 1982	Jul-Sept 1982	Oct-Dec. 1982	Jan-Mar. 1983	Apr-June 1983
A. ALL FAMILIES													
PROPORTION WITH FUTURE PURCHASE INTENTIONS:	68%	66%	67%	65%	65%	63%	66%	68%	66%	67%	65%	65%	62%
PURCHASE TYPE:													
Would buy new	39	38	40	34	38	34	35	37	36	38	37	33	37
Would buy used	26	26	24	28	25	27	29	29	28	27	26	30	24
DK,NA	3	2	3	3	2	2	2	2	2	2	2	2	1
PURCHASE TIMING:													
Less than 2 years	7	5	6	5	7	5	6	7	5	5	6	7	7
2 years	17	20	21	21	20	20	20	22	22	21	22	20	22
3 years	11	10	13	10	10	10	9	11	12	12	10	10	11
4 years or more	20	20	16	18	19	19	21	21	19	20	18	21	18
Indefinite	4	4	4	4	4	3	3	2	2	3	3	2	1
DK,NA	9	7	7	7	5	6	7	5	6	6	6	5	3
B. FAMILIES WITH INCOMES OF $20,000 AND OVER													
PROPORTION WITH FUTURE PURCHASE INTENTIONS:	69%	66%	68%	67%	67%	67%	69%	72%	69%	70%	64%	68%	65%
PURCHASE TYPE:													
Would buy new	47	48	49	44	44	43	42	46	42	48	40	41	42
Would buy used	20	17	17	21	21	24	25	25	25	21	22	26	22
DK,NA	2	1	2	2	2	*	2	1	2	1	2	1	1
PURCHASE TIMING:													
Less than 2 years	8	6	7	7	7	7	7	10	7	5	7	8	8
2 years	23	24	26	22	24	23	23	25	26	25	24	25	24
3 years	12	13	13	11	11	14	10	13	14	15	11	11	12
4 years or more	20	18	16	20	20	19	22	21	17	19	17	21	18
Indefinite	2	2	2	3	2	2	2	1	1	2	2	1	1
DK,NA	4	3	4	4	3	2	5	2	4	4	3	2	2

If response was "PROBABLY WILL NOT BUY" in Table 32, then the questions were: "If you were to buy a car, would it be a new car or a used car? and "How long do you think it may be before will buy or lease a car?"

* : Less than half of one percent.

EXPLANATORY CHARTS

CHART 1 - RECENT CHANGES
THE INDEX OF CONSUMER SENTIMENT

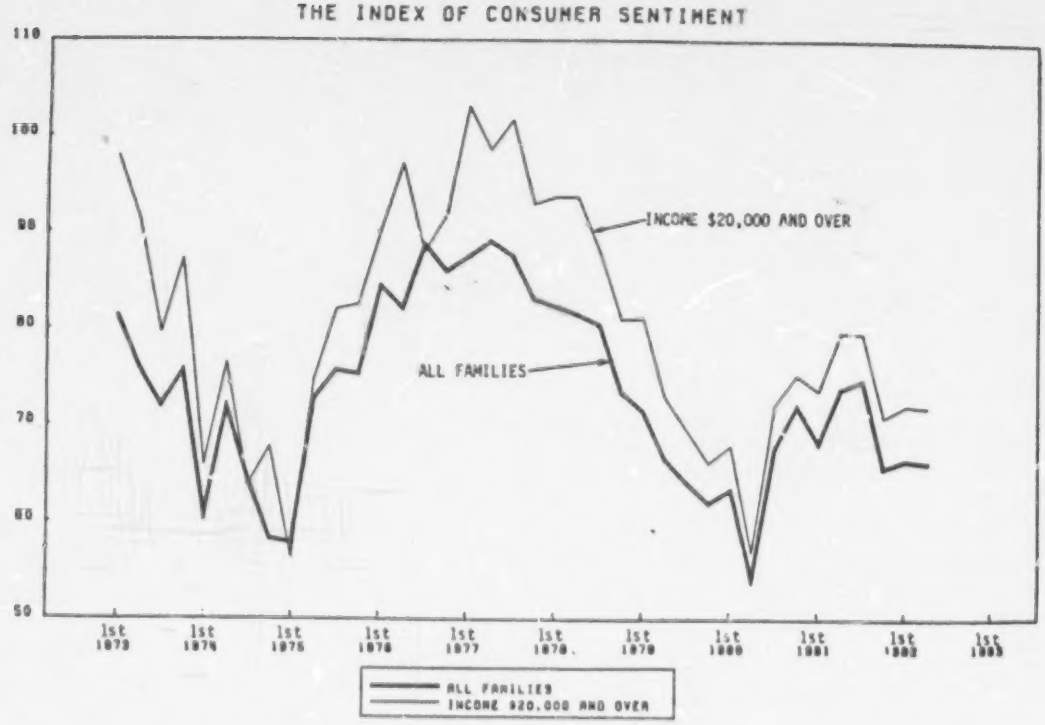
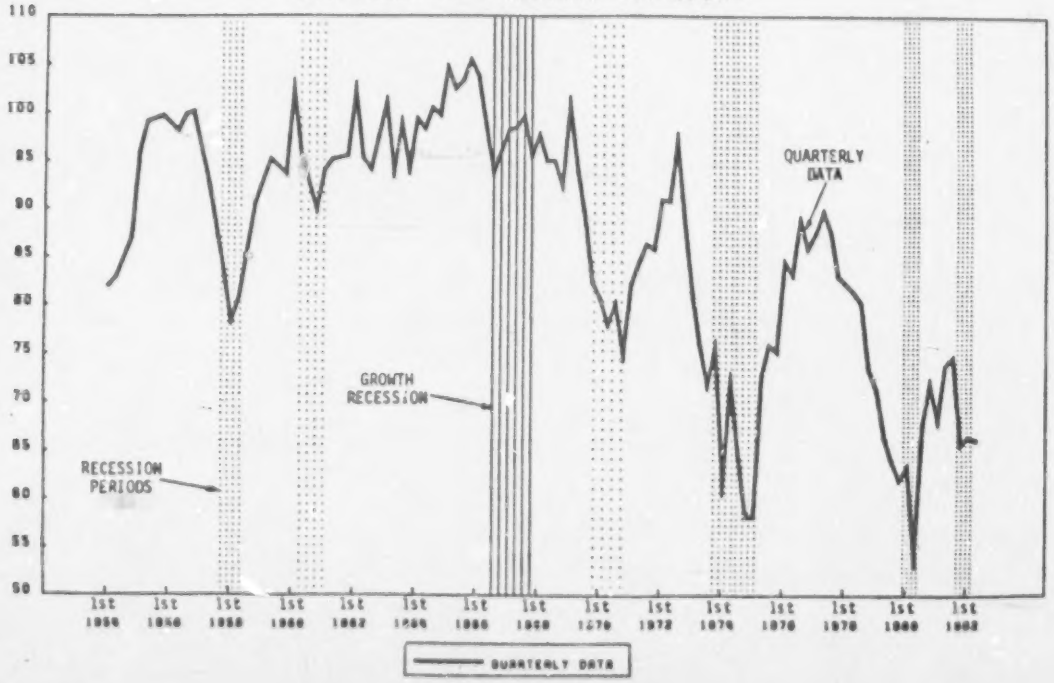


CHART 1 - HISTORICAL SERIES
THE INDEX OF CONSUMER SENTIMENT



DESCRIPTION OF CHART LINES

ALL FAMILIES: Quarterly data for the total sample.

QUARTERLY DATA: Data collected by surveys conducted at three-month intervals before 1978, and collected in three monthly surveys per quarter from 1978 to the present.

TIME SCALE LABELS

Each tic mark on the time scale represents the first quarter of the indicated year.

NATIONAL BUREAU OF ECONOMIC RESEARCH, REFERENCE DATES FOR RECESSIONS

DATES:				
November	1948	-	October	1949
July	1953	-	May	1954
August	1957	-	April	1958
April	1960	-	February	1961
June	1966	-	November	1967*
December	1969	-	November	1970
November	1973	-	March	1975
January	1980	-	July	1980
July	1981	-		

Notes:

RECESSION PERIOD: Reduction in the national output of goods and services, generally lasting at least two quarters.

*GROWTH RECESSION: Retardation in the rate of growth of output and employment (usually followed by a recession and always the initial stage of a recession).

APPROXIMATE SAMPLING ERRORS[a] OF SURVEY FINDINGS

(In percentages by size of sample or subgroup)

Reported Percentages	Number of Interviews		
	700[b]	1,400[c]	2,100[d]
50	4.2	3.2	2.8
30 or 70	3.8	2.9	2.5
20 or 80	3.4	2.6	2.2
10 or 90	2.5	1.9	1.6
5 or 95	1.8	1.4	1.2

[a]The figures in this table represent two standard errors. Hence, for most items the chances are 95 in 100 that the value being estimated lies within a range equal to the reported percentages, plus or minus the sampling error.

[b]Average size of monthly surveys.

[c]Average size of two monthly surveys.

[d]Average size of three monthly surveys (one quarter).